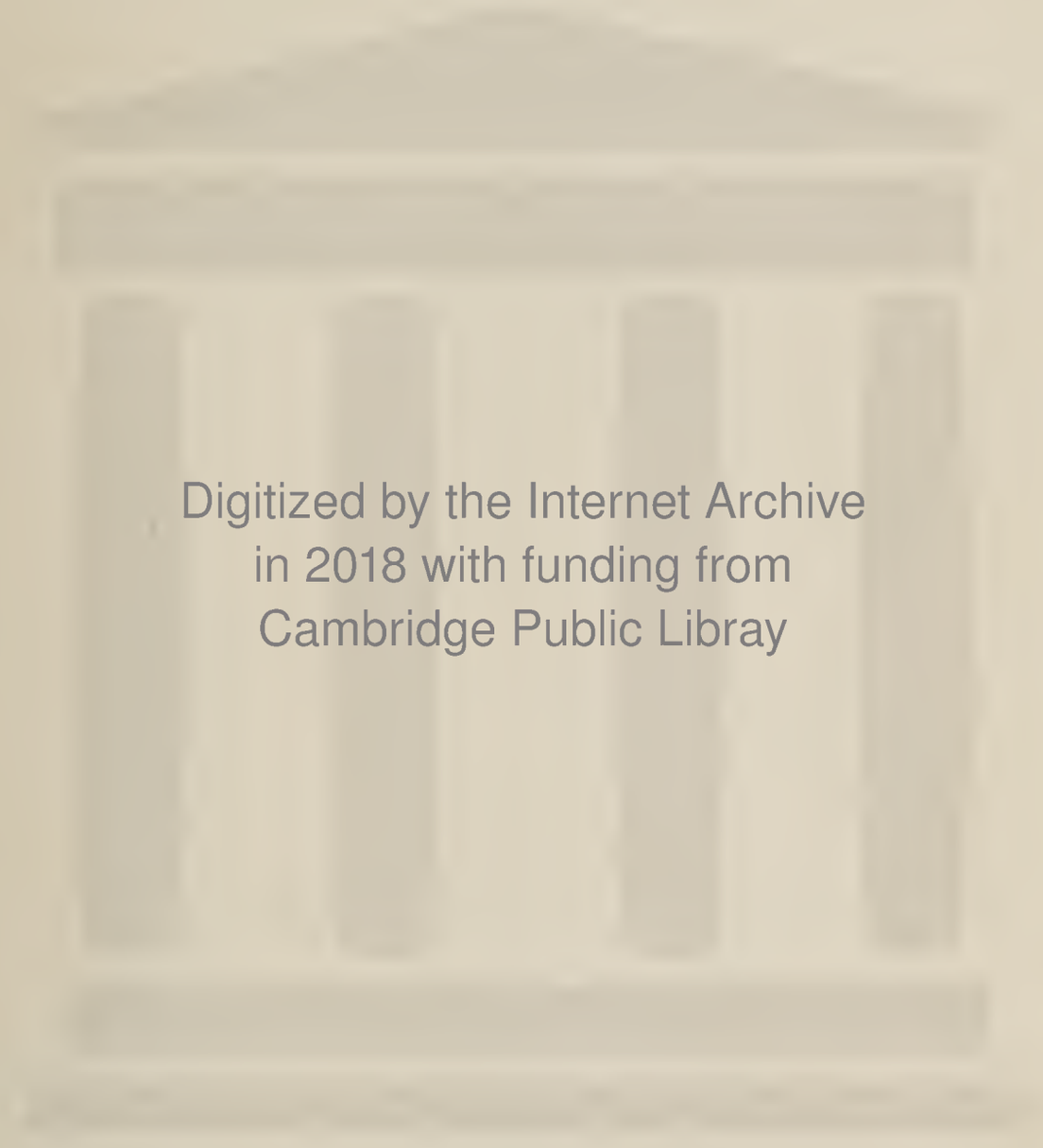

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City of Cambridge.

THE

MAYOR'S ADDRESS

AT THE

ORGANIZATION OF THE CITY GOVERNMENT,

AND THE

ANNUAL REPORTS

MADE TO

THE CITY COUNCIL.

CAMBRIDGE:
PRINTED BY ALLEN AND FARNHAM.
1864.

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CITY OF CAMBRIDGE.

In Common Council, January 13, 1864.

ORDERED, That twelve hundred copies of the MAYOR'S INAUGURAL ADDRESS, together with the ANNUAL REPORT OF THE COMMITTEE ON FINANCE, made to the last City Council, and the accompanying documents, and such other documents as have been ordered to be printed by the City Council, be printed, under the direction of the City Clerk, for general distribution.

Adopted, and sent up for concurrence.

Attest: JOS. G. HOLT, *Clerk.*

In Board of Aldermen, January 13, 1864.

Concurred.

Attest: JUSTIN A. JACOBS, *City Clerk.*

CAMBRIDGE PUBLIC LIBRARY

CAMBRIDGE PUBLIC LIBRARY

ADDRESS

OF

HON. Z. L. RAYMOND,

MAYOR.

GENTLEMEN OF THE CITY COUNCIL:

It is a wise and just provision in our Constitution that gives to every citizen an equal voice in the selection of his rulers. Those who are called upon to administer the government, and to fill offices of public trust to-day, may be transferred to the ranks of the people to-morrow, and their places filled by others. From the people emanates all power, and *to* the people are all those intrusted with it made responsible. That power, gentlemen, has been delegated to us by our fellow-citizens, to be exercised by us in such a manner as will best promote their interest, and that of our beloved city.

In entering upon the duties of my office, it becomes me first to express to my fellow-citizens, my most sincere and grateful acknowledgment of the high honor they have conferred upon me, by electing me for a second term to the highest office within their gift. With the blessing of God I shall endeavor to perform the various duties devolving on me, faithfully and impartially, for the best interest of all our citizens.

SOLDIERS AND THEIR FAMILIES.

At no time since the organization of the city government, has the City Council convened under so weighty and trying responsibilities as

at the present. The civil war which has existed for nearly three years, and has swept from our once united and happy country so many of our brave and patriotic young men, still exists and must be provided for. Men must be furnished to fill the broken ranks of our regiments now in the field. Means must be provided for the support of their families, and the families of those already in the service. The labors to be performed by you in this service will be trying. The Committee of the last City Council who have had that subject in charge, are entitled to the thanks of their fellow-citizens, for the faithful performance of their duties.

The amount distributed by them the last year to soldiers' families was $87,953.16. Of this amount the City will be reimbursed by the State $74,489.07. It has been paid out in small sums, and has required great care and discrimination to do justice to all the applicants. The labor of the City Clerk, in this department, has been incessant, and he has performed it with a promptness and fidelity that should entitle him to our warmest thanks. The number of soldiers' families who have received aid from the City the last year, is 926; the number now receiving aid is 597. In addition to this aid rendered by the City, our citizens have liberally responded to all the calls made upon them for contributions to aid the Sanitary Commission, and to furnish articles of comfort to our sick and wounded in the hospitals. Our patriotic ladies have been untiring in their exertions to aid in this noble work.

RECRUITING.

In October last, the President of the United States issued a call for three hundred thousand men. The number of volunteers called for, to be furnished by Cambridge, is 372. Of that number, there have been enlisted and sent to camp, about 110, leaving a balance to be enlisted of 262. Although men have not been obtained as readily as could have been desired, still the number already obtained by Cambridge is equal in proportion to that of any other city in this vicinity. The last City Government, aided by citizens, have been doing all in their power to fill our quota, before the time fixed by the

government shall expire, but it has been impossible to obtain men, even with the large bounties offered by the State and General Governments. The time for enlistments has now been extended for ten days beyond the fifth of the present month. Every possible exertion should be made by us, gentlemen, to obtain the number of men required before that time shall expire. I cannot believe that Cambridge, with her patriotism and devotion to the cause of our country, will submit to a draft until every means shall have been exhausted to fill our quota by volunteer enlistments. The number of men enlisted is daily increasing, and I feel great confidence in our ultimate success.

MILITARY ORGANIZATIONS.

At the commencement of the war we had but one military company in the City on which we could rely in case of any sudden outbreak, riot, or invasion. That noble company was the first to respond to the call of the Government for the defence of the Capital, and it left us with a population of about thirty thousand, without a military organization in the City. Some of our most influential citizens in the First Ward, soon formed a volunteer military organization, under the name of the Washington Home Guard. Soon after, a company was formed in the Second Ward, under the name of the Cambridge Reserve Guard. This company is composed principally of men over forty-five, who are not liable to do military duty. Both these companies were formed by patriotic citizens, as the Home Guard, and have held themselves ready at all times to render any aid that might be required by the City Authorities. On one occasion they rendered both the City and the State essential service.

It gives me much pleasure to state that we have now a legally organized military company in the First Ward, of about one hundred members. This company is composed of our most loyal and influential citizens, who have voluntarily become citizen soldiers, and on whom the civil authorities can safely rely for aid in any emergency. We have also a company in the Second Ward composed of young men under eighteen years of age, who have been practising military drill,

and have made considerable proficiency. It should be our duty, gentlemen, to foster and encourage this military spirit in our community. Recent events have taught us its importance.

FINANCES.

In approaching the financial department of our municipal affairs, it gives me pleasure to state that, notwithstanding the constant demands upon the Treasury for the ordinary and extraordinary expenses incurred the last year, — every demand has been met, and that the City Debt has been reduced about twenty-five thousand dollars. This result has been occasioned by the favorable negotiation in the sale of City Bonds, and by an increase in taxation over the preceding year.

The City Debt, December 1, 1862, over and above the assets, was	$332,359.98
Present City Debt, December 1, 1863,	307,244.25
Showing a decrease the last year of	$25,115.73
The amount of City Debt, maturing the present year, is	$16,000.00
For this provision should be made.	
The whole amount of the indebtedness of the City, as shown by the Treasurer's Report, is	$603,736.28
Whole amount of assets to meet this liability, consisting of Cash on hand, Water Bonds, uncollected Taxes, and other securities,	296,492.03
Showing a balance of City Debt of	$307,244.25

The amount of appropriation the last year, was	$361,572.82
Amount of expenditure charged against the appropriation	338,517.68
Balance,	$23,055.14

The amount received by the Treasurer, the last year, including temporary loans in anticipation of taxes, and the balance in the Treasury at the commencement of the year, was	$766,899.99
Disbursements, including the payment of temporary loans, ...	708,878.90
Leaving a balance in the Treasury of .	$58,021.09

The real and personal property of the City, is as follows :—

Personal Property at Almshouse, . . .	$12,303.41
Real and Personal Property of City, . .	118,768.20
Property of Fire Department, ...	43,370.00
Total, ...	$174,441.61

In addition, the City owns seventeen School-houses, Public Grounds, Dana Library, &c.

The Taxes assessed for 1863, were, for City purposes,	$189,702.92
State Tax, ...	53,424.00
County "	16,464.28
Making an aggregate of	$259,591.20

There have been collected	$225,913.52
Discounted, ...	9,016.98
Abated, ...	5,055.91
Whole amount, ...	$239,986.41
Balance of uncollected Taxes, ...	19,604.79

The valuation of Estates the last year was, —

Real Estate, ...	$15,320,300
Personal Estate, ...	7,228,900
Total valuation, ...	$22,549,200

Rate of assessment, $11 on one thousand dollars.

In this connection I would recommend that a tax be assessed the present year sufficient to pay the ordinary expenses of the year, and the amount of the City Debt, $16,000, maturing this year.

A loan was negotiated in February last, by the sale of City Bonds, to the amount of $150,000, bearing interest at the rate of five per cent., to run thirty years from January, 1863, the interest and principal to be paid in gold. The loan was effected at twenty-five per cent. premium. The amount of premium was $37,500, making the aggregate amount received for the Bonds, $187,500. This will provide the City with a loan for thirty years, at an interest of about three and a half per cent., with an additional cost of the premium to be paid on gold. The premium paid on gold the last year has made the interest paid on the loan about six per cent. — the current rate. The real advantages of this negotiation to be realized by the City, will depend upon the time when the banks shall resume specie payments.

The amount of the Bridge Fund, December 1, 1862, was	$114,278.12
The income the last year, over and above all expenses, was	4,870.36
Making the present fund, December 1, 1863, .	$119,148.48

Several of the notes held by the Commissioners have been paid during the year, also $10,000 of Boston City Bonds have been sold, making in the aggregate $27,000, which amount has been invested in a note of the City of Cambridge, dated November 30, 1863, on ten years, in accordance with the City Ordinance on that subject.

PUBLIC SCHOOLS.

The expenditure for the Public Schools, the last year, was $40,947.30, and that for the care and repairs of School-houses was $11,761.22, making the aggregate expense for those two departments $52,608.52.

The number of pupils in our Public Schools is as follows:

In the High School, ...	225
" Grammar Schools, . . .	1,400
" Middle "	850
" Primary " . . .	1,300
" Alphabet "	1,230
Whole number, ...	5,005
Whole number of Schools, . . .	46
" " Teachers, . . .	99

It will be seen by reference to the School Reports, that the regular increase in the number of pupils is about 250 per year, so that we shall require additional school accommodations of some sort during the ensuing year. As the pupils from the old High School-house will be removed to the new house during the next season, the old building can be used to accommodate the school now taught in Waite's Hall; and it is thought it will afford all the accommodation that will be required in that section of the City.

It is probable that additional accommodations will be required in the Central section of the First Ward, and in the Fourth Ward, in the vicinity of River Street. No more Grammar School-houses will be required for several years. The additional houses should be of small size and moderate expense, to accommodate the classes entering the Primary Schools.

It will be seen by reference to a recent Report of the School Committee, that they recommend an increase in the salaries of the School Teachers, to correspond with the increased expense of living at the present time. That the expense of living has largely increased since the present salaries of the teachers were fixed, there is no doubt. I trust, gentlemen, you will give this subject your careful consideration, and that our faithful teachers will have justice done them at your hands.

In the early part of last year, an appropriation of $40,000 was made for the construction of a High School-house, to be located on the corner of Broadway and Fayette Street. The building was com-

menced early the last spring. The walls of the structure are now up, and the exterior nearly completed. It is thought the interior will be finished and furnished ready to occupy at the commencement of the school term next autumn. The original appropriation will not be sufficient to complete this work. It is thought an additional appropriation of not less than $10,000 will be required. It is a noble edifice, located near the geographical centre, easy of access by rail-cars from the various sections. When completed it will be an honor and an ornament to our city — a building of which every citizen should feel proud. Its nominal cost will be large, but the skilful financiering of my worthy predecessor, in the sale of our City Scrip at a favorable time, at a premium of twenty-five per cent., has so far provided the means to pay for its construction, as to reduce the actual cost to about the original appropriation.

The demand for a New High School-house has long been realized by those familiar with our Schools. The capacity of the old house has been insufficient, for several years, to accommodate all those who have desired to be educated there. During the last two years, nearly one quarter part of the pupils have been taught in a building at some distance from the High School-house. The advantages to be derived from the erection of the new house will be twofold. It will bring the scholars all under one roof, and allow the Committee so far to reduce the standard of admission, as to enable our business men and mechanics to give their sons a good business education. The new house will accommodate about four hundred pupils, nearly double the number now in the High School.

The advantages of a High School cannot be overestimated. Supported as it is, at the public expense, its doors are open to all classes, the poor as well as the rich, and although its burdens for the time may fall heaviest on the latter class, in the end they will realize their full share of the benefit derived, in the improved morals and intelligence of the community.

The educational advantages enjoyed by the citizens of Cambridge are not surpassed by any municipality in New England. Our Schools, commencing at the Alphabet, grade to the University. There is no one thing that has conduced more to the growth and

prosperity of our City, than the superior advantages for procuring a complete education. The School Committee have been untiring in their exertions to perfect our school system, and our long-tried and faithful teachers have done much to give to our schools the high character they now sustain.

In addition to the school accommodations enjoyed by our children, we have the Dana Library and the Dowse Institute, which are diffusing information among all classes of our citizens, and fulfilling the noble objects designed by their liberal donors.

Permit me in this connection to suggest to you the purchase of that piece of land lying between the new High School-house lot and Antrim Street, and containing about 10,500 square feet. By the purchase of this lot, and by adding it to the present High School-house lot, the City will own and can control all the land bounded by Broadway and extending to the back line of the School-house lot. It will leave open the eastern prospect from the windows of the school-house to Antrim Street, prevent the erection of a class of small buildings, which would be very objectionable to the interest of the school, and secure to the pupils additional play grounds. I have reason to believe that the purchase may now be made at a reasonable price.

STREETS AND SIDEWALKS.

The appropriation for streets and sidewalks the last year was	$25,000.00
There have been expended, ...	20,144.99
Leaving a balance in the Treasury of . .	$4,855.01

Although the appropriation was increased the last year, the real expenditures were considerably less than the preceding year, owing to the open winter, which prevented the carting of a suitable supply of gravel. This appropriation is large, and must continue to be so for many years to come, to keep our streets and sidewalks in a condition to meet the reasonable demands of our citizens. Great improvements have been made within the last few years in our principal streets, especially those through which the tracks of our Railroads are laid.

Still much remains to be done. The sidewalks in some of the principal streets, and in many of the more retired ones, are in bad condition. Our worthy Superintendent of Streets (always at his post and doing all in his power to improve the ways of the city) has not been able, with the limited means afforded him, to do all that has been required. There is no department that requires more constant care than that of our streets, and none in which the citizens feel a more direct interest.

The constant demand for gravel proves the wisdom of the City in the purchase of the gravel farm at Belmont. The amount paid the last summer to various citizens for carting gravel from that source, to be distributed upon our roads, has been more than five thousand dollars. I am fully convinced that the true interest of the City requires a supply of gravel in some more central location, so that it can be made available at all seasons of the year, to be used for the small repairs of streets, dressings for sidewalks, and for paving. I would recommend the purchase of such supply, provided it can be obtained at a reasonable rate.

An act was passed by the last Legislature, authorizing the Mayor and Aldermen of the City of Cambridge to construct sidewalks, or complete those partially constructed, set edge-stones, cover sidewalks with brick, flat stones, or plank, and assess the expense to the abuttors in just proportions, such assessments to constitute a lien upon the abutting lots. This law has been carried into effect in but few cases the last year. Its provisions may be very beneficial in certain cases. It remains for you to say to what extent it shall be applied the ensuing year.

The expenditure for paving the last year has been $902.49. There has been a larger amount of edge-stones and flag-stones set than for several years past. I believe that true economy requires a larger expenditure for the paving of streets. Since the construction of the railway track through the centre of the principal streets, the roadway on either side is somewhat narrow. The gravel spread upon it washes off into the gutter and requires to be often renewed. As the railroad company is obliged to keep the centre of the road in repair, it will require a comparatively small expenditure to pave the two road beds,

and keep them in good condition. It is believed that the expense now incurred for repairing, every five years, would pay all expense for paving, which paving would require little or no expense for repairs for ten years, and would probably remain in good condition for twenty-five years. If this estimate be correct, the system of paving would save to the City from fifty to seventy-five per cent. on the amount expended for that purpose.

The work should be done gradually, so as not to burden our tax-payers with any extraordinary tax for that purpose. I would recommend that a sum not less than five thousand dollars be appropriated the ensuing year to be expended in paving on Main street.

The appropriation for the care and repair of bridges, the last year, was $6,500.

There have been expended $4,032.31. More than one half of this amount was paid to liquidate a balance due the preceding year, for rebuilding the Great Bridge in the First Ward. The bridges are now in good condition, and will require but slight repairs the ensuing year.

RESERVOIRS AND DRAINS.

There have been expended for Reservoirs and Drains the past year $5,380.86, which amount exceeds the original appropriation; but it should be remembered that three quarters of the amount expended for this purpose, is returned into the Treasury in assessments paid by the parties immediately benefited. The amount has been large, but the benefit derived from the construction of good drains cannot be over-estimated. They not only promote the health and add to the comfort of every citizen, but add largely to the value of real estate. I trust the amount to be appropriated for this object the ensuing year will be increased rather than diminished.

LIGHTING STREETS.

The expenditure for lighting streets the last year was $8,956.99, somewhat larger than in any previous year, but the regular increase in population and the laying out and extending of streets will naturally require an increase in the appropriation for this department. The

advantages realized by the citizens from this expenditure are two-fold. First, in the additional comfort and security it affords every individual; and second, the saving to the City Treasury in the amount that would otherwise have to be paid for extra watchmen and police. The number of street lamps now lighted by the City is 430. Of this number 363 are lighted with gas and sixty-seven with fluid. Thirty-three new lamps have been added to the number the last year. The average cost through the year, for each lamp burning gas, was five cents and eight mills per night. The cost of each lamp, burning fluid, three cents and two mills per night.

Every thing connected with this department is now in good condition.

SUPPORT OF THE POOR.

The amount drawn from the Treasury by the Overseers of the Poor for the support of Paupers, and Expenses at the Almshouse, has been $17,317.55. This amount is exclusive of the amount expended on the stone ledge. There have been expended on the ledge $1,591.89, making in the aggregate expended in the department connected with the Almshouse establishment, $18,909.44. This amount exceeds the aggregate expenditure of last year by $4,128.54. The amount received from the Warden for sundry articles sold from the farm and ledge, for rent, board of persons, &c., and paid into the Treasury, was $5,602.87

Received and paid sundry small bills, . .	890.52
Amount due from sundry persons, . . .	1,534.35
Value of stone delivered to the Superintendent of Streets, ...	1,618.30
Making the aggregate receipts and earnings from all sources, ...	$9,646.04
Excess of personal property over last year, . .	2,939.76
Making the amount of credit	$12,585.80
Which, deducted from the expenditure, leaves the net expenses for supporting the establishment the last year (not to speak of interest on the real estate), ...	$6,323.62

The value of personal property, as estimated by a Committee of the Overseers, is . . . $12,303.41

The whole number of persons relieved or supported the last year was 396. Of this number 221 were relieved out of the Almshouse. The average number supported in the Almshouse the last year was 81. The health of the inmates during the year was good. Religious services and Sabbath school instruction are had on every alternate Sabbath in the chapel. The Sabbath school has been under the charge of Dr. Moses Clarke, the worthy Superintendent, and he has had assistance from others who have volunteered their services to aid in this interesting field of labor. The whole establishment is under the immediate superintendence of Mr. Jacob Hanscom, and Mrs. Hanscom, as Matron, who have occupied that position for the last ten years, and have faithfully performed the duties of their important trust.

FIRE DEPARTMENT.

The Fire Department is in most excellent condition. The ordinance adopted in 1855, and which has been in operation since that time, has worked to the perfect satisfaction of the department, and for the best interest of the City. The number of fires the last year has been small.

The amount of property destroyed by fire during the year was	$15,440.00
The amount of insurance on the same was .	8,040.00
Leaving the net loss	$7,400.00

This is a less amount of loss than has occurred for many years past. The number of men employed in the department at this time is one hundred and ninety-five. The amount expended the last year was $23,599.86. The large increase over the preceding year was occasioned by the extra expense for new steam engines, and for land and stables. The ordinary expenses of the department are less than the preceding year. The new steamers have given entire satisfac-

tion, having never failed in any instance. While the power of one steam engine is equal to that of three hand engines, the expense for labor to work it is less. It will remain for you, gentlemen, to decide whether another steam engine shall be purchased the coming year or not.

The subject of a Telegraphic Fire Alarm has attracted the attention of the last City Council, and has been referred to the new City Council. I trust, gentlemen, it will receive your early attention. The engines are all under the charge of faithful and energetic men. The houses and apparatus are in good condition. The report of the Chief Engineer, which will soon be laid before you, will give in detail the condition of this department.

POLICE AND WATCH.

There is no department of the City Government more important than that of the Police and Watch. On the proper administration of this department, depends the good order, and it may almost be said, the reputation of the City. The Police are the conservators of the public peace, and the proper guardians of the public and private property of the citizens.

It will be seen by the Report of the Chief of Police, that the amount expended in this department the last year was $14,516.53

The number of arrests was 1,080

The number committed to the Watchhouse and furnished with food, ... 582

This shows a small decrease from the preceding year. The number of men employed in the department, by night and by day, is twenty-one. Some of them have been in the service of the city for many years; all have been found faithful to their trust. Their duties are arduous and responsible; they should be men of honesty, energy, and personal endurance, and their services should be appreciated and fairly remunerated by us. It will become my duty, as it will be my pleasure, to render them such aid and encouragement as it may be in my power to bestow. I shall expect their cordial co-

operation in the enforcement of the laws and the ordinances of the city.

Quiet and good order have generally prevailed during the year. Crime among the adult classes of our citizens has decreased. Such, however, is not the case with the children. Truancy and absence from school have been on the increase, and it will require the strictest vigilance of the police and school teachers to correct this evil. The amount of fines and costs paid into the City Treasury, by the Judge of the Police Court, was $1,874.20. Permit me in this connection to call your attention to the manner in which cattle and swine are driven through our streets from the various railroad depots, near the line of the city, doing great injury to our sidewalks, and in many instances personal injury.

CAMBRIDGE CEMETERY.

The amount expended for the care and improvements of the Cambridge Cemetery, the last year, was $2,547.39. The amount received from the sale of lots, and incidental sources, was $2,652.17, leaving a balance to the credit of the Cemetery of $104.78. During the last year considerable improvements have been made in the grading of new lots. That portion of the grounds designed for public burial, is fast filling up, and it will soon require additional room for that purpose. In this connection I call your attention to the dilapidated condition of the burying-ground in the Second Ward.

RAILROAD ACCOMMODATIONS.

The question relating to an increase in railroad facilities, which has excited so much interest in some sections of our City, for the last two or three years, has been satisfactorily settled the last year, by the construction of a new line of railroad, built by the Cambridge Railroad Company, running through the entire length of Broadway to Harvard Square, and also a track through Garden, Concord, and Craigie Streets, to Brattle Street, to connect with the Mount Auburn cars near Sparks Street. We have now three nearly parallel lines

of railroad from Harvard Square to Boston; one by the way of East Cambridge; one through Broadway to its junction with Main Street, at West Boston Bridge; and one through Main Street to Bowdoin Square. The railroad facilities now enjoyed by the citizens in all sections of the City, would seem to be ample for the present, and will probably be all that may be required for many years to come.

CORPORATIONS.

We have at this time four corporations existing in our City — the Cambridge Railroad Company, the Union Railway Company, the Water Works, and the Gas Light Company — all enjoying the free use of our streets, and other privileges which have been granted by the City. It will be your duty, gentlemen, to see that the privileges so granted are not abused. The interests of these corporations and that of the City are nearly allied to each other. While we should be willing to grant them all the privileges they may desire, which may be granted without injury to the City, we must see that the rights of the City and of the citizens are fully secured. I trust, henceforth, there may be a reciprocal kind feeling and good understanding existing between these corporations and the City.

The second section of the act to incorporate the Cambridge Water Works, granted in 1852, is as follows:

"The City of Cambridge may, at any time during the continuance of the charter hereby granted, purchase the corporate property and all the rights and privileges of the said corporation at such price as may be agreed upon between the said parties; and in case of disagreement, the Supreme Judicial Court, upon application of either party, shall be authorized to appoint three commissioners to settle such disagreement."

The Water Company commenced to lay their pipes in 1855, and went into partial operation in 1856. The City of Cambridge, feeling an interest in the introduction of fresh water into the City, that it might be used for the extinguishment of fires and for watering streets, to say nothing of the pressing wants of many of the citizens in certain sections of the City, decided to loan the corporation the

credit of the City, to the amount of $50,000, and to take that amount of bonds, secured by $50,000 in water stock, for the purpose of aiding the corporation (which was then very poor) in starting the work. Pipes have been laid, during the last seven years, through many of our streets, and the corporation has been gaining in strength, until its floating debt is all paid off, and its common stock has recently paid a dividend of three per cent. The common stock is now selling in the market at eighty per cent., and the preferred stock at par. The whole amount of stock issued to the present time is, —

Common stock, 1,952 shares,	$195,200
Preferred stock, 280 shares,	28,000
Bonds,	105,000
Whole amount,	$328,200

Of this the City holds $50,000 in bonds.

There are now 2,800 water takers, yielding an annual income of	$25,000
The annual expense, including pumping at the pond, is	8,000
Leaving a balance of	$17,000

Estimating the common stock at eighty per cent., its present value, it would be worth	$156,160
Preferred stock and bonds,	133,000
Whole cost,	$289,160

The interest, at six per cent., would be $17,349.60, or $349.60 more than the net income from the water rates.

If this statement be correct, and the corporation should be as successful for the next three years as it has been the last three, the Cambridge water stock would be worth more than par. The question as to supply has been fully settled. There is no doubt the supply will be sufficient for the next hundred years. The wants of the City and those of private citizens are increasing, and will continue to increase from year to year. The supply should be abundant, and it

should be furnished at the lowest possible rates. I call your attention, gentlemen, to this subject at this time, that it may be investigated by you. I trust you will give it such consideration as its importance demands.

Gentlemen, — In the remarks I have addressed to you, I have endeavored to present to you a brief statement of the condition of the various departments of our municipal affairs. I trust I have not exhausted your patience. In contemplation of our future services it is gratifying to me to know that I am to be associated with gentlemen of experience in public affairs, and to whom I can look for aid and council, and that I shall be sure of your hearty coöperation in every measure that will promote the welfare of the city. As we enter upon the various duties assigned us, let us hope that harmony and mutual kind feelings may prevail in our deliberations and intercourse with each other.

Z. L. RAYMOND.

REPORT

OF

THE COMMITTEE ON FINANCE.

The Joint Standing Committee on Finance, in accordance with the provisions of the "Ordinance establishing a System of Accountability in the Expenditures of the City," respectfully submit to the City Council their

REPORT

FOR THE FINANCIAL YEAR ENDING NOVEMBER 30, 1863.

They have caused to be prepared, and herewith submit to be laid before the City Council, a schedule of the expenditures for the past financial year, "giving in detail the amount of appropriation and expenditure of each department." By a sub-committee, whose Report is hereto annexed, they have examined and audited the accounts of the City Treasurer, and have compared the accounts with the vouchers therefor, and have examined the notes and securities in his hands belonging to the City. They have also, by a like sub-committee, prepared a schedule of the real and personal property belonging to the City, and the value thereof, and they have also prepared a statement of the amount of the City Debt, all of which are hereto annexed and made part of this Report.

The aggregate amount of the appropriations made at the commencement of the year was $361,572.82, and intended to cover all probable expenditures, including the amount paid to volunteers and their families, over and above the amount provided for by the Legislature under the Act passed May 23, 1861, entitled, "An Act in Aid of the Families of Volunteers and for other purposes," and an

Ordinance of the City Council, passed June 5, 1861, entitled, "An Ordinance in relation to the disbursements of the appropriation for Volunteers and their families;" and including the appropriation of $40,000 made for the purpose of erecting a new High School-house. The aggregate expenditures allowed and charged against them on the Auditor's books, were $338,517.68, leaving a balance of appropriations unexpended of $23,055.14. It will be seen by reference to the Auditor's recapitulation of "Expenditures for the Financial Year ending November 30, 1863," that additions to some and subtractions from others have been made, but no alterations in the aggregate amount from original appropriations.

The actual receipts into the Treasury and the disbursements therefrom, as appears by the Treasurer's Report have been —

Receipts, including temporary loans in anticipation of taxes and balance on hand, December 1, 1862,	$766,899.99
Expenditures, including the payment of temporary loans,	708,878.90
Leaving the actual cash balance in the Treasury, December 1, 1863,	$58,021.09

The debt of the City, December 1, 1862, as per Report of the Finance Committee, after deducting available assets, was		$332,359.98
The bonds and obligations against the City, December 1, 1862, as per Treasurer's "account of City debt," were		444,692.00
Also State Tax,	$40,068.00	
Also County Tax,	16,464.28	
		56,532.28
Total liabilities, December 1, 1862,		$501,224.28

The following payments (on account of debt against the City, December 1, 1862, as per Treasurer's Report, amounting to $443,692) have been made to various institutions and individuals, as per Treasurer's Report, December 1, 1863.

"Boston Provident Institution for Savings,"	$10,000
John Sargent,	1,000
Amount carried forward,	**$11,000**

Amount brought forward,	$11,000	
William Gray's heirs,	1,000	
Elizabeth Bright,	1,000	
Union Bank,	38,000	
State Bank,	20,000	
Lechmere Bank,	25,000	
		$96,000.00

To meet the payments falling due in the early part of the past year on the permanent and temporary loans, amounting to $96,000, as per foregoing statement, and to provide the means to meet the payments to volunteers and their families, a loan was negotiated in February last, by the sale of City Bonds, to the amount of $150,000, issued under orders of the City Council, payable, with interest semi-annually, in 30 years from January 1, 1863, and the interest and principal payable in gold, interest at the rate of 5 per cent. per annum. The loan was effected at twenty-five (25) per cent. premium, the amount of premium was $37,500, making the aggregate receipts for the Bonds $187,500.00

The foregoing loan provides the City with $150,000 for 30 years, at a cost in interest of $3.53 per cent. per annum, with the addition of whatever may be paid in premium for gold, before our banks resume specie payment. The rate of premium paid for gold the present year has made this loan cost the City no more than the present market rate for money on first class securities.

The amount of the City debt, December 1, 1863, exclusive of County and State Taxes, is . . .		$533,848.00
To meet this the City has a bond of the Cambridge Water Works, with pledge of stock for	$50,000.00	
Amory Houghton's note, for .	877.06	
Balance in the Treasury Dec. 1, 1863,	58,021.09	
Uncollected taxes of 1863, . .	19,604.79	
Amounts carried forward,	$128,502.94	

Amounts brought forward,		$128,502.94	$533,848.00
Uncollected taxes of previous years,		5,917.98	
*Uncollected Drain taxes of 1863,		2,777.38	
Due from the Commonwealth for reimbursements of payments to families of volunteers in 1862, estimated (since received from the State on account $55,000)		57,084.84	
Do. for disbursements for same purposes for 1863, estimated . . .		74,489.07	
Allowed by Commonwealth for bounties paid in 1862, . .	$106,400.00		
Less our tax to provide means for the same,	76,098.94	30,301.06	
			$299,073.27

(This amount $30,301.06 since received from Commonwealth.)

Leaving, after deducting these assets, a balance of indebtedness, December 1, 1863, ...	$234,774.73
To this should be added the State tax for 1863, not due till the financial year closed, and since paid, ...	53,424.00
Also the County tax for 1863, ...	16,464.28
Also all claims against the City presented and audited December 1st, not paid, ...	1,623.74
Interest due and unpaid, ...	957.50
Making the liabilities, ...	$307,244.25

The liabilities of the City of all descriptions, were thus, December 1st, over and above its available assets, $307,244.25

In addition to the assets above named, the City holds the Bridge Fund, belonging to it absolutely, and invested, as will appear by the Report of the Commissioners, in bonds, mortgages, notes of the City, &c., and which amounts, as stated by the Commissioners, to	$119,148.48

* Uncollected Drain taxes of previous years amounting to $948.27 considered of uncertain value.

The taxes assessed for 1863 were,		
For City purposes, ...		$189,702.92
" State "		53,424.00
" County "		16,464.28
Making a total tax assessed, ...		$259,591.20
Of the above tax the amount collected is,	$225,913.52	
Discounted, ...	9,016.98	
Abated, ...	5,055.91	
		239,986.41
Balance uncollected, ...		$19,604.79
Of the tax of 1862 there remained uncollected, December 1, 1862, ...		$26,220.55
Of that amount there have been collected,	$20,620.09	
Discounted, ...	11.68	
Abated, ...	748.10	
		21,379.87
Balance uncollected, ...		$4,840.68
Of the tax of 1861, there remained uncollected, December 1, 1862, ...		$4,979.14
Of that amount there have been collected,	$1,506.79	
Abated, ...	2,295.05	
		3,801.84
Balance uncollected, ...		$1,177.30
Of the tax of 1860, there remained uncollected, December 1, 1862, . . .		$22.40
Abated, ...		22.40
The amount of drain assessments committed to the Treasurer in 1863, is . . .		$3,868.33
Of this amount there have been collected, ...	$1.017.14	
Abated, ...	73.81	
		1,090.95
Balance uncollected, ...		$2,777.38

The amount of drain assessments for previous years, remaining uncollected, December 1, 1862, was	$1,241.25
Of this amount there have been collected, . .	292.98
Balance uncollected, ...	$948.27

The valuation of estates, as appears by the Assessors' books for the year 1863, is as follows:

District.	Wards.	Polls.	Real Estate.	Personal Estate.	Total.
I.	1 & 5,	1,342	$5,835,100	$3,360,200	$9,195,300
II.	2 & 4,	2,886	6,641,300	2,799,100	9,440,400
III.	3,	1,547	2,843,900	1,069,600	3,913,500
Total,		5,775	$15,320,300	$7,228,900	$22,549,200

The rate of assessment the past year has been $11 on a thousand dollars, subject to the discount of 4 per cent. allowed on all taxes paid on or before October 10th.

Under the recent statute, provision has been made for adding interest on all taxes not then paid, which is enforced.

The Committee submit the following abstract of the receipts and expenditures, as taken from the Treasurer's Report, referred to the Committee, and reported back herewith for publication, and the statement of the Auditor, reported also herewith.

RECEIPTS.

Balance on hand, December 1, 1862, . . .	$21,725.53
Trustees Soldiers' Relief Committee, for said City's note, dated December 2, 1862, payable in one year,	3,000.00
City Bonds sold, ...	150,000.00
Premium on same, ...	37,500.00
Trustees Daniel White Charity, for said City's note, dated October 1, 1863, payable on demand, .	5,000.00
Bridge Fund, for said City's note, dated November 30, 1863, payable in 10 years, ...	27,000.00
State Bank, for interest on said City's notes, paid before maturity, ...	545.55
Amount carried forward,	$244,771.08

Amount brought forward,	$244,771.08
Union Bank, for interest on said City's notes, paid before maturity,	686.67
State of Massachusetts, for State aid refunded,	13,000.00
State of Massachusetts, for said City's proportion of School Fund,	1,006.96
Nathaniel Prentiss, for note given up,	1,000.00
Estate of A. Murdock, for note given up,	967.50
" " " "	1,935.00
Cambridge Water Works, interest,	3,000.00
Estate of A. Murdock, "	105.93
Amory Houghton, "	157.86
Nathaniel Prentiss, "	7.50
Town of Brighton, for care and repairs of Cambridge Great Bridge, for the years 1860, 1861, and 1862,	167.27
For said town's proportion of the expense of rebuilding said bridge,	1,434.78
Trustees of Hopkins Charity,	476.42
Trustees of Dana Library, for fines and subscriptions,	212.05
R. Litchfield, Jr., rent of hall,	106.00
Jacob Hanscom, warden's account of Cambridge Almshouse,	5,602.87
H. H. Eames, superintendent's account of Cambridge Cemetery,	2,652.17
S. S. Green, weighing fees,	155.66
F. H. White, " "	133.08
Joseph Burridge, Jr., weighing fees,	72.24
J. A. Holmes, " "	154.02
Balance of weighing fees, 1856,	20.07
J. S. Ladd, Police Justice,	1,879.60
Person unknown, tax for 1852 and interest,	3.00
Moses Ricker, for rent,	30.00
William Gay, rent of farm, 1862,	125.00
P. Skahen, rent of farm, 1863,	100.00
Town of South Reading, for use of Niagara Engine, No. 3,	46.50
A. B. Parker, for privilege of entering and using sewer,	16.00
Bridge Fund, for care and maintenance of bridges,	4,981.65
George C. Richardson, for labor and materials,	25.00
County of Middlesex, for rent of Court Room,	300.00
J. A. Jacobs, City Clerk, for dog licenses,	503.90
Amount carried forward,	$285,835.78

Amount brought forward,	$285,835.78
J. A. Jacobs, City Clerk, for circus licenses,	20.00
Sundry persons and institutions, temporary loan,	230,700.00
School Committee, for said City's note, dated December 2, 1863, payable on demand,	156.00
Sundry persons, drain assessments,	1,310.12
Joseph Whitney, Collector, taxes of 1861,	1,506.79
" " " " 1862,	20,620.09
" " " " 1863,	225,913.52
" " " Interest on taxes,	837.69
Total Receipts,	$766,899.99

EXPENDITURES.

For County Tax,		$16,464.28
" State "		40,068.00
Cambridge Water Works Company, Interest,		3,000.00
Trustees Dowse Institute Fund,		600.00
Sundry persons, Interest on Permanent Loan,		19,149.64
" " " Temporary "		4,597.47
" " Temporary Loan,		230,700.00
John Sargent, note,		1,000.00
Boston Provident Institution for Savings, note,		10,000.00
Heirs of William Gay, and indorsed on note,		1,000.00
Elizabeth Bright, note,	$1,000	
Lechmere Bank, "	25,000	
State " "	20,000	
Union " "	25,000	
" " "	13,000	
		84,000.00
Sundry persons, Mayor's orders,		298,299.51
		$708,878.90
Add balance in Treasury, December 1, 1863,		58,021.09
		$766,899.99

The accounts of the Treasurer and Auditor thus agree.

The City has no liabilities for temporary loans contracted the past year. Of the permanent loans there will fall due in 1864, the following:

To Solomon Whitehouse, April 1, ...	$1,000
" J. H. Wilkins, "	5,000
" Cambridge Savings Bank, July 18, . . .	10,000

Among the extraordinary expenses of the past year, have been those for the erection of the High School building, and for the soldiers and their families.

The latter amounts to	$100,726.99
Of this sum the City has a claim on the State for reimbursement of the estimated amount, as before stated, of	74,489.07
The amount already expended for the High School-house is	19,122.20

The City has received from the Commissioners of the Bridge Fund, the past year, for which it has given its note, under order of the City Council, $27,000. This, with a former note given in 1862, for $20,000, makes $47,000 loan of the Bridge Fund, bearing six per cent. interest per annum.

The Committee have the pleasure of being able to report a reduction of the City Debt, of $25,115.73, although the expenses of the City have been very large the past year, — almost every appropriation having been increased from previous years.

All of which is respectfully submitted.

GEO. C. RICHARDSON,
GEO. H. FOLGER,
GEO. S. SAUNDERS,
GEO. G. RYDER,
GEO. P. CARTER,
F. C. FOSTER,
J. H. TYLER,
K. S. CHAFFEE,
} *Committee on Finance.*

In Common Council, December 30, 1863.

Accepted, and ordered to be printed with the next City documents.
Sent up for concurrence.

Attest: JOS. G. HOLT, *Clerk.*

In Board of Aldermen, December 30, 1863.

Concurred.

Attest: JUSTIN A. JACOBS, *City Clerk.*

REPORT

CONCERNING

THE ACCOUNTS OF THE TREASURER.

In Committee on Finance, December 30, 1863.

The Sub-Committee appointed by the Committee on Finance to examine the Accounts of the City Treasurer for the financial year ending November 30, 1863, and to examine the notes and securities in his hands, have attended to the duty assigned them, and submit the following

REPORT:

Your Committee find that the accounts of the City Treasurer have been correctly kept, and he has satisfactory vouchers for all payments made by him, according to the schedule herewith submitted, and showing a balance in his hands of $58,021.09.

They also submit a schedule of notes and bonds due the City, in the hands of the Treasurer.

Respectfully submitted.

GEO. H. FOLGER,
GEO. S. SAUNDERS,
F. C. FOSTER,
J. H. TYLER,
} *Sub-Committee on Finance.*

SCHEDULE OF EXPENDITURES

FOR

THE FINANCIAL YEAR ENDING NOV. 30, 1863.

For Instruction of Public Schools.

Salaries of Teachers in all the Public Schools, except the salary of the Principal of the High School for one quarter, paid from the "Hopkins Fund,"		$39,942.30	
School Committee,		1,005.00	
			$40,947.30
Appropriation,	$40,000.00		
Additional do.,	1,500.00		
		$41,500.00	
Amount of Expenses,		40,947.30	
Balance unexpended,		$552.70	

HOPKINS FUND.

Principal of the High School, one quarter,		$450.00	
			$450.00
Balance of former account,	$226.11		
Received of Trustees,	476.42		
		$702.53	
Amount of Expenses,		450.00	
Balance unexpended,		$252.53	

For Care and Repairs of School-houses.

Rent of Waite's Hall for School-room,		$150.00
School furniture,		846.99
Fuel,		3,882.37
Care of houses, fires, &c.,		1,630.66
Sweeping and cleaning,		194.58
Repairs,		3,264.01
Mats, brushes, hardware, &c.,		326.07
Clocks and repairs,		12.50
Books and stationery,		988.69
Printing and advertising,		200.10
Engraving and printing diplomas,		56.25
Postage stamps,		5.94
Accountant and Librarian,		25.00
Collecting statistics,		2.00
Water rates,		155.00
Gas,		1.55
Truckage,		9.51
Ringing bell,		10.00
		$11,761.22
Appropriation,	$10.000.00	
Additional do.,	1,800.00	
		$11,800.00
Amount of Expenses,		11,761.22
Balance unexpended,		$38.78

For Almshouse.

Warden, salary,	$500.00
Matron, "	100.00
Physician, "	125.00
Clerk of Overseers, salary,	25.00
Provisions, groceries, and supplies for the house,	3,559.75
Dry goods and clothing,	1,260.29
Boots, shoes, and brogans,	301.05
Amount carrried forward,	$5,871.09

Amount brought forward,	$5,871.09
Labor on farm, and collecting swill,	1,519.88
Labor of domestics,	130.37
Fuel,	1,879.24
Fuel delivered to poor out of the house,	393.17
Goods " " " "	132.31
Medicine " " " "	22.98
State Lunatic Hospital, board of patients,	652.07
City of Boston, " "	128.38
" Worcester, support of paupers,	177.83
" Charlestown, " "	128.25
" Boston, " "	77.75
Town of Melrose,	13.00
N. H. Tilden, board of S. B. Blake,	82.58
State Reform School, support of prisoners,	404.94
Nautical " " " "	69.36
Removing paupers,	22.20
Repairs,	175.01
Carts and repairs,	197.13
Sleds "	153.71
Harnesses "	91.48
Horse-shoeing and iron-work,	123.75
Lumber, lime, &c.,	839.55
Bricks,	15.53
Whitewashing,	35.00
Paints, oil, hardware, &c.,	335.06
Stoves, tin ware, &c.,	97.90
Furniture,	104.53
Grain and meal,	1,359.98
Hay and straw,	255.98
Hogs,	1,281.42
Cows,	247.00
Agricultural tools, seeds, &c.,	84.12
Fishery and rent of land,	50.00
Bean poles,	5.00
Fireworks,	8.50
Books,	56.94
Printing,	5.50
C. H. Allen, medical attendance on poor,	15.00
Amount carried forward,	$17,243.49

Amount brought forward,		$17,243.49	
Services as nurse,		6.00	
Medicine,		46.54	
Funeral expenses,		19.50	
Certificate of insanity,		2.00	
			$17,317.53
Appropriation,	$13,000.00		
Additional do.,	4,500.00		
		$17,500.00	
Amount of Expenses,		17,317.53	
Balance unexpended,		$182.47	

For Labor at Stone Ledge.

Driving teams and labor,		$1,503.79	
Powder and fuse,		80.51	
Cast-steel,		7.59	
			$1,591.89
Appropriation,	$300.00		
Additional do.,	1,300.00		
		$1,600.00	
Amount of Expenses,		1,591.89	
Balance unexpended,		$8.11	

For Police and Watch.

Chief of Police, salary,	$800.00	
Services of police officers, including substitutes and special police,	12,770.75	
Conveyance of prisoners,	329.00	
Supplies for prisoners and lodgers,	50.10	
Gas for watch-houses,	110.67	
Fuel,	155.27	
Repairs,	92.58	
Rent of room for station,	20.00	
Mattresses and blankets,	73.69	
Stationery, brooms, fluid, &c.,	35.33	
Buckets,	15.00	
Amount carried forward,	$14,452.39	

Amount brought forward,		$14,452.39	
Water rates,		15.00	
Use of horses and carriages,		4.00	
Printing and distributing notices,		8.75	
Medical attendance at station,		8.00	
Cleaning stations,		5.63	
Burying dead animals,		11.75	
			$14,505.52
Appropriation,	$14,000.00		
Additional do.,	600.00		
		$14,600.00	
Amount of expenses,		14,505.52	
Balance unexpended,		$94.48	

For Fire Department.

ENGINEERS.

Chief Engineer, salary,	$300.00	
Assistant Engineers, "	375.00	
Clerk of Engineers, "	25.00	
		$700.00

ENGINE COMPANY NO. ONE.

Company's bill, services,	$1,127.83	
" " fines of members,	61.50	
Repairs,	6.87	
Badges,	1.50	
		1,197.70

ENGINE COMPANY NO. TWO.

Company's bill, services,	$1,678.01	
" " fines of members,	85.50	
" " fuel and lights,	25.00	
Steam fire-engine,	3,000.00	
Enlarging engine-house for steam-engine,	2,114.79	
Furniture for engine-house,	123.75	
Amounts carried forward,	$7,027.05	$1,897.70

Amounts brought forward,	$7,027.05	$1,897.70
Horse hose-carriage,	275.00	
Horses,	800.00	
Shoeing horses,	11.06	
Harnesses and repairs,	147.63	
Grain and meal,	89.00	
Hay,	37.36	
Hose, screws, &c.,	1,570.62	
Flexible pipe,	12.00	
Ropes and blocks,	13.51	
Oil, mats, hardware, &c.,	67.76	
Repairs,	8.65	
Lumber,	2.15	
Removing furniture,	1.75	
Water rates,	18.34	
Gas,	8.06	
Coal,	7.50	
Keys and badges,	2.80	
Truckage,	38	
		10,100.62

ENGINE COMPANY NO. THREE.

Company's bill, services,	$1,435.07	
" " fines of members,	9.50	
Steam fire-engine,	2,750.00	
Hose,	100.00	
Horse,	190.00	
Shoeing horses and iron-work,	58.14	
Boarding horses,	18.00	
Grain and meal,	173.42	
Hay and straw,	120.55	
Coal and wood,	106.91	
Repairs,	167.97	
Stationery, oil, brooms, &c.,	84.45	
Hats,	46.50	
Table,	3.50	
Gas,	43.71	
Water rates,	15.00	
Amounts carried forward,	$5,322.72	$11,998.32

Amounts brought forward,	$5,322.72	$11,998.32
Water fixtures,	7.50	
Hauling engine,	2.00	
Washing bed-clothes, &c.,	23.68	
Truckage,	25	
		5,356.15

ENGINE COMPANY NO. FOUR.

Company's bill, services,	$1,063.49	
" " fines of members,	49.50	
" " fuel and lights,	25.00	
Repairs,	54.94	
Oil, dusters, brooms, &c.,	19.35	
Truckage,	26	
		1,212.54

ENGINE COMPANY NO. FIVE.

Company's bill, services,	$654.09	
" " fines of members,	33.50	
Appropriation for incidental expenses,	100.00	
Repairs,	49.25	
Gas fixtures, &c.,	6.20	
Brooms, dusters, wash leather, &c.,	3.06	
Truckage,	88	
		846.98

ENGINE COMPANY NO. SIX.

Company's bill, services,	$1,295.54	
" " fines of members,	103.50	
" " fuel and lights,	12.50	
Repairs,	48.76	
Oil, lantern, wash-leather, &c.,	13.96	
Water rates,	15.00	
Badges and keys,	7.10	
Truckage,	76	
		1,497.12
Amount carried forward,		$20,911.11

Amount brought forward,		$20,911.11

HOOK AND LADDER COMPANY NO. ONE.

Company's bill, services,	$958.58	
" " fines of members,	68.50	
" " fuel and lights,	15.00	
Repairs,	25.50	
Hauling carriage,	12.00	
Shovels, oil, sponges, &c.,	6.43	
Removing furniture,	4.63	
Badges and keys,	3.10	
Printing,	1.00	
Truckage,	12	
		1,094.86

HUNNEMAN ENGINE COMPANY NO. SEVEN.

Company's bill, services,	$64.00	
Appropriation for incidental expenses,	100.00	
		164.00

ENGINE COMPANY NO. NINE.

Appropriation for repairs, &c.,	$125.00	
		125.00

REFRESHMENTS.

Somerville Fire Association,	$10.00	
Hancock Engine Company No. One,	10.00	
Washington Engine Company No. Nine,	6.24	
George M. Teague,	21.50	
T. Hastings & Co.,	7.20	
		54.94
Amount carried forward,		$22,349.91

Amount brought forward,		$22,349.91

MISCELLANEOUS.

Horse hose-carriage,	$200.00	
Harness for hose-carriage,	45.00	
Hose and couplings,	486.75	
Repairs,	117.18	
Use of engine,	58.50	
Clearing snow from hydrants and reservoirs,	64.67	
Labor, packing hydrants,	34.38	
Lumber and nails, packing hydrants,	2.57	
Horse and wagon, " "	6.00	
Waste cocks for hydrants,	9.75	
Reservoir tops and curbs,	14.00	
Horse-shoeing and iron-work,	18.60	
Oil, mats, brooms, keys, &c.,	28.91	
Rubber coats,	15.00	
Painting fire hats for engineers,	2.50	
Police services,	41.00	
Expenses of Committee to Manchester,	12.60	
Ringing bells,	62.00	
Hauling engines,	7.00	
Truckage,	6.44	
Post-office box,	75	
Printing,	10.00	
Stationery,	5.35	
Cleaning engine-house,	1.00	
		1,249.95
		$23,599.86

Appropriation,	$14,000.00	
Additional do.,	10,000.00	
		$24,000.00
Amount of Expenses,		23,599.86
Balance unexpended,		$400.14

For Repairs of Streets and Sidewalks.

Superintendent of streets, salary,		$800.00
Amount paid for labor,		9,524.90
Gravel and carting,		4,982.81
Grading,		101.20
Enlarging City stable,		315.00
Lumber and lime,		10.52
Surveys and plans,		80.00
Horses,		625.00
Medicine for horses,		2.72
Horse-shoeing and iron-work,		513.27
Grain and meal,		1,381.50
Hay and straw,		868.25
Cart,		70.00
Repairing carts, &c.,		38.78
Repairing harnesses, blankets, &c.,		121.55
North River stone,		306.71
Edge-stones,		40.00
Stone,		15.25
Rent of land for storage of stone and gravel,		12.00
Shovels, pick-handles, oil, salt, &c.,		223.87
Horse-brushes, &c.,		12.30
Blank books and stationery,		3.25
Trees,		8.75
Coal,		18.11
Carpenter's work,		40.00
Setting glass,		2.12
Repairing water fixtures,		3.26
Water rates,		16.87
Washing bedclothes,		7.00
		$20,144.99

Appropriation,		$25,000.00
Amount of Expenses,	$20,144.99	
Transferred,	4,500.00	
		24,644.99
Balance unexpended,		$355.01

For Reservoirs and Drains.

Superintendent, salary,		$200.00	
Amount paid for labor,		2,433.16	
Bricks,		1,715.74	
Lumber, lime and cement,		457.86	
Cesspool curbs and covers,		250.74	
Edge-stones, culvert holes, &c.,		74.81	
Surveys and plans for sewers,		120.77	
Carpenter's work,		54.00	
Mason work,		12.00	
Repairs,		1.52	
Castings and labor,		4.56	
Advertising,		9.75	
Shovels, fluid, lantern, &c.,		45.95	
			$5,380.86
Appropriation,	$4,000.00		
Additional do.,	1,500.00		
		$5,500.00	
Amount of Expenses,		5,380.86	
Balance unexpended,		$119.14	

For Care and Repairs of Bridges.

Care of draw, Court Street bridge,	$78.00	
Care of draw, Prison Point bridge,	45.00	
Labor and use of scow, River Street bridge,	115.00	
Repairs,	171.55	
Stone work,	26.84	
Lumber,	20.63	
Piles and teaming,	12.00	
Oil, salt, and nails,	5.68	
		$474.70
Amount carried forward,		$474.70

Amount brought forward,		$474.70

"CAMBRIDGE GREAT BRIDGE."

Labor and use of scow,		$2,663.57	
Iron work,		825.86	
Nails, spikes, hinges, &c.,		25.32	
Lumber,		18.28	
Care of draw,		21.00	
Lantern and fluid,		3.58	3,557.61
Appropriation,	$6,500.00		$4,032,31
Amount of Expenses,	$4,032.31		
Transferred,	2,000.00		
		6,032.31	
Balance unexpended,		$467.69	

For Care and Repairs of West Boston and Canal Bridges.

Care of draws,		$862.00	
Fluid, naphtha, matches, &c.,		335.19	
Lighting lamps,		163.00	
Lumber and spruce piles,		1,167.63	
Paving,		1,653.76	
North river stone and labor,		36.58	
Carpenter's work,		240.25	
Iron work,		69.15	
Repairs,		55.12	
Repairs on house,		32.34	
Nails, spikes, oil, &c.,		55.13	
Bricks,		110.00	
Opening and closing draw,		182.50	
Ice-saw,		3.50	
Water rates,		12.00	
Damage to carriage,		3.50	
			$4,981.65
Appropriation,	$6,000.00		
Amount of Expenses,	4,981.65		
Balance unexpended,	$1,018.35		

For Lighting Streets.

Superintendent of lamps, salary,		$200.00	
Gas for street lamps,		5,768.00	
Fluid, naphtha, matches, &c.		544.27	
Care of and lighting lamps,		1,871.61	
Fitting lamp-posts, &c.,		195.91	
Lanterns and repairs,		377.20	
			$8,956.99
Appropriation,	$8,500.00		
Additional do.,	500.00		
		$9,000.00	
Amount of Expenses,		8,956.99	
Balance unexpended,		$43.01	

For Watering Streets.

District number One,		$528.74	
" " Two,		441.10	
" " Three,		730.16	
			$1,700.00
Appropriation,	$1,700.00		
Amount of Expenses,	1,700.00		

For Paving.

Labor and materials for paving,		$982.49	
			$982.49
Appropriation,	$1,000.00		
Amount of Expenses,	982.49		
Balance unexpended,	$17.51		

For Hydrants.

Hydrant boxes,		$9.25	
			$9.25

Appropriation,		$200.00
Amount of Expenses,	$9.25	
Transferred,	100.00	
		109.25
Balance unexpended,		$90.75

For Salaries of City Officers.

Mayor,		$1,500.00
Treasurer and Collector,		1,300.00
City Clerk,		1,300.00
Auditor of Accounts,		400.00
Clerk of Common Council,		150.00
Messenger,		500.00
Board of Assessors,		1,000.00
		$6,150.00
Appropriation,	$6,500.00	
Amount of Expenses,	$6,150.00	
Transferred,	300.00	
	6,450.00	
Balance unexpended,	$50.00	

For Burial Grounds.

CEMETERY.

Superintendent's salary,		$650.00
Amount paid for labor,		1,437.19
Use of horse,		150.00
Survey and plan of cemetery,		200.00
Grave markers,		52.20
Shovels, rakes, &c.,		27.16
Chestnut stakes and oak plank,		18.84
Wheelbarrows,		12.00
		2,547.39
Amount carried forward,		$2,547.39

Amount brought forward,		$2,547.39

OLD GROUNDS.

Care of ground, Ward One,	$22.92		
Labor, " "	36.50		
		$59.42	
Care of Ground, Ward Two,	$25.00		
Labor, " "	4.25	29.25	
			88.67
			$2,636.06
Appropriation,	$2,000.00		
Additional do.,	700.00		
		$2,700.00	
Amount of Expenses,		2,636.06	
		$63.94	

For Payment of City Debt.

Boston Provident Institution for Savings,	$10,000.00	
Rosella Gay, adm'x, on note to Wm. Gay,	1,000.00	
		$11,000.00
Appropriation,	$10,000.00	
Additional do.,	1,000.00	
	$11,000.00	
Amount of Expenses,	11,000.00	

For Interest and Bank Discounts.

Lowell Institution for Savings,	$2,330.00
Boston Provident Institution for Savings,	250.00
Cambridge City Bonds,	7,750.00
Bank of the Republic,	1,200.00
Commissioners of Bridge Fund,	1,200.00
Trustees Soldiers' Relief Fund,	540.00
Cambridge Savings Bank,	575.00
Amount carried forward,	$13,845.00

Amount brought forward,	$13,845.00	
Cambridgeport Savings Bank,	575.00	
Estate of William Gay,	480.00	
Robert Douglass,	461.52	
J. H. Wilkins,	287.50	
D. McFarland,	275.00	
S. Whitehouse,	57.50	
Cambridge City Bonds, (gold)	2,762.08	
Premium for gold,	1,251.04	
Sundry banks, &c., on temporary loans,	4,597.47	
		$24,592.11
Appropriation,	$25,000.00	
Amount of Expenses,	24,592.11	
Balance unexpended,	$407.89	

For Interest on Water Loan.

Interest warrants on bonds,	$3,000.00	
		$3,000.00
Appropriation,	$3,000.00	
Amount of Expenses,	3,000.00	

For Land Damages.

Susan Maria Porter,	$2,500.00	
Martha P. Gregory,	1,800.00	
Ivory P. Estes,	1,000.00	
Samuel Batchelder,	300.00	
William Bates,	18.75	
Henry Potter,	10.00	
		$5,628.75
Appropriation,	$6,000.00	
Amount of Expenses, $5,628.75		
Transferred, 300.00		
	5,928.75	
Balance unexpended,	$71.25	

For Dana Library.

Librarian, salary,	$150.00	
Books,	154.40	
Binding books,	8.50	
Newspaper,	33	
		$313.23
Appropriation,	$570.29	
Amount of Expenses,	313.23	
Balance unexpended,	$257.06	

For Dowse Institute.

Amount paid Trustees,	$600.00	
		$600.00
Appropriation,	$600.00	
Amount of Expenses,	600.00	

For New High School-house.

John S. Pollard,	$14,000.00	
Blodgett & Rhoades,	5,000.00	
Surveying lot and locating house,	23.00	
Water fixtures,	50.50	
Grading,	24.00	
Printing and advertising,	24.70	
		$19,122.20
Appropriation,	$40,000.00	
Amount of Expenses,	$19,122.20	
Transferred,	4,600.00	
	23,722.20	
Balance unexpended,	$16,277.80	

For Volunteers and their Families.

Amount paid in cash to soldiers' families,	$95,000.00	
Fuel delivered " "	319.69	
Goods " " "	196.80	
Medicine delivered " "	452.86	
Funeral expenses, ...	591.62	
Allowance to A. & C. Jewell, . . .	425.00	
Paid David T. Roby, ...	3.00	
Expenses of recruiting, ...	568.42	
Music, ...	272.00	
Reception 43d and 47th regiments, . .	577.35	
Reception company F, 6th regiment, .	244.84	
Fares of company I to Readville and back,	29.50	
Bounties to volunteers, . . .	1,300.00	
Use of armory, Washington Home Guards,	50.00	
Allowance for clerical assistance, . .	300.00	
Printing and advertising, . . .	334.55	
Blank books and stationery, . . .	53.86	
Ringing bells, ...	3.00	
Truckage, ...	4.50	
		$100,726.99
Appropriation, . $100,000.00		
Additional do. . . 3,000.00		
	$103,000.00	
Amount of Expenses, . .	100,726.99	
Balance unexpended, . .	$2,273.01	

For Incidental Expenses.

Legal services, ...	$446.00
Judgment, Cutter *v.* City, ...	198.64
Witness fees, ...	74.15
Extra allowance to Board of Assessors, .	200.00
Assistant Assessors, services, . . .	64.00
Amount carried forward,	$982.79

Amount brought forward,	$982.79
Abstract of records for Assessors,	55.00
Insurance of public buildings,	449.50
Somerville tax bill,	177.00
Belmont " "	20.90
Abatement of taxes,	223.80
Drain tax refunded,	38.90
Assessing drain taxes,	30.00
Surveys and plans,	25.00
Taking census of births,	329.24
Recording births, deaths, and marriages,	245.20
Reporting deaths,	43.70
Printing and advertising,	1,070.95
Blank books and stationery,	275.95
Boston directories and bank note detector,	9.00
Revenue stamps,	151.00
Postage stamps and post-office boxes,	129.83
Newspapers,	20.75
Copying press,	17.02
Hand stamps,	25.00
Punch and block,	4.00
Case for blanks, clerk's office,	87.00
Boxes of pigeon holes,	12.00
Furniture, Treasurer's office,	14.50
Carpet, Police Court room,	25.45
Plumbing, carpenter's work, &c., City Hall,	461.98
Ventilators, City Hall,	275.00
Fuel, " "	255.19
Damages for breach of fuel contract,	250.00
Superintending delivery of coal,	14.00
Gas, City Hall,	341.62
Water rates,	60.62
Ice,	8.00
Water cooler,	6.50
Supper for City government,	130.00
Music, High School exhibition,	35.00
Damages for defect in highway,	50.00
Damages for detention at West Boston bridge,	100.00
Damages for destruction of load of straw,	43.42
Amount carried forward,	$6,494,81

Amount brought forward,		$6,494.81
Repairs, City Hall,		178.27
Repairs, hay scales,		11.48
Repairing flags,		24.17
Repairing flag-staff and hoisting flags and top-masts,		33.37
Repairing and painting hearse,		41.62
Storing hearse,		11.50
Funeral expenses,		86.50
Posts for lot in cemetery,		20.25
Care of clocks,		45.00
Expenses, Committee public property to Lowell,		11.80
Rent of armory,		250.00
Gas, "		23.84
Pistols, cartridges, and caps,		324.00
Care of guns,		6.00
Refreshments, Reserve Guards, and police,		26.92
Refreshments, ward officers,		72.75
Rent of ward rooms,		100.00
Care of " "		18.00
Firing salutes,		131.00
Bell ringing,		192.50
Trimming and watering trees,		140.75
Labor on common,		2.50
Mats, keys, dusters, &c.,		38.00
Milk inspector, salary,		50.00
Lactometer,		4.24
Sample milk can,		1.00
Testing platforms and weights,		9.50
Rent of land for pound,		20.00
Truckage,		16.71
		$8,386.48
Appropriation,	$8,000.00	
Additional do.,	400.00	
	$8,400.00	
Amount of Expenses,	8,386.48	
Balance unexpended,	$13.52	

Reserved Fund.

Appropriation,	$15,000.00
Transferred,	15,000.00

RECAPITULATION OF EXPENDITURES FOR THE FINANCIAL YEAR ENDING NOVEMBER 30, 1863.

	Original Appropriations.	Added or Subtracted.	Appropriations as altered.	Amount of Expenditures.	Balances unexpended.
Instruction of Public Schools,	$40,000.00	+ $1,500.00	$41,500.00	$40,947.30	$552.70
Hopkins Fund,	702.53		702.53	450.00	252.53
Care and Repairs of School-houses,	10,000.00	+ 1,800.00	11,800.00	11,761.22	38.78
Almshouse,	13,000.00	+ 4,500.00	17,500.00	17,317.53	182.47
Labor at Stone Ledge,	300.00	+ 1,300.00	1,600.00	1,591.89	8.11
Police and Watch,	14,000.00	+ 600.00	14,600.00	14,505.52	94.48
Fire Department,	14,000.00	+ 10,000.00	24,000.00	23,599.86	400.14
Repairs of Streets and Sidewalks,	25,000.00	— 4,500.00	20,500.00	20,144.99	355.01
Reservoirs and Drains,	4,000.00	+ 1,500.00	5,500.00	5,380.86	119.14
Care and Repairs of Bridges,	6,500.00	— 2.000.00	4,500.00	4,032.31	467.69
Care and Repairs of West Boston and Canal Bridges,	6,000.00		6,000.00	4,981.65	1,018.35
Lighting Streets,	8,500.00	+ 500.00	9,000.00	8,956.99	43.01
Watering Streets,	1,700.00		1,700.00	1,700.00	
Paving,	1,000.00		1,000.00	982.49	17.51
Hydrants,	200.00	— 100.00	100.00	9.25	90.75
Salaries of City Officers,	6,500.00	— 300.00	6,200.00	6,150.00	50.00
Burial Grounds,	2,000.00	+ 700.00	2,700.00	2,636.06	63.94
Payment of City Debt,	10,000.00	+ 1,000.00	11,000.00	11,000.00	
Interest and Bank Discounts,	25,000.00		25,000.00	24,592.11	407.89
Interest on Water Loan,	3,000.00		3,000.00	3,000.00	
Land Damages,	6,000.00	— 300.00	5,700.00	5,628.75	71.25
Dana Library,	570.29		570.29	313.23	257.06
Dowse Institute,	600.00		600.00	600.00	
New High School-house,*	40,000.00	— 4,600.00	35,400.00	19,122.20	16,277.80
Volunteers and their Families,	100,000.00	+ 3,000.00	103,000.00	100,726.99	2,273.01
Incidental Expenses,	8,000.00	+ 400 00	8,400.00	8,386.48	13.52
Reserved Fund,	15,000.00	— 15,000.00			
Amount of Appropriations,			$361,572.82	$338,517.68	$23,055.14
Amount of Expenditures,			338,517.68		
Balances unexpended,			$23,055.14		

* This appropriation, made subsequently to the making of the general appropriations, was by the creation of a City debt therefor.

ACCOUNT OF CITY DEBT, DECEMBER 1, 1863.

Date.	Rate.	To whom payable.	Amount.	When payable.	Interest paid to
November 6, 1850.	5½	Lowell Institution for Savings,	$3,000.00	November 6, 1870.	November 6, 1863.
January 23, 1851.	5½	" " " "	8,000.00	January 23, 1871.	July 23, 1863.
April 6, 1857.	5¾	" " " "	30,000.00	April 6, 1877.	October 6, 1863.
December 15, 1860.	6	Bank of the Republic,	20,000.00	December 15, 1865.	June 15, 1863.
November 1, 1850.	5½	D. M'Farland,	3,000.00	November 1, 1865.	May 1, 1863.
February 12, 1851.	5½	" "	2,000.00	February 12, 1866.	August 12, 1863.
July 1, 1858.	5	Cambridge City Bonds,	7,000.00	July 1, 1878.	July 1, 1863.
July 1, 1859,	5	" " "	15,000.00	July 1, 1879.	July 1, 1863.
July 1, 1862.	5	" " "	20,000.00	July 1, 1882.	July 1, 1863.
August 1, 1862.	5	" " "	30,000.00	August 1, 1882.	August 1, 1863.
September 10, 1862.	5	" " "	40,000.00	September 10, 1882.	September 10, 1863.
September 10, 1862.	5	" " "	30,000.00	September 10, 1877.	September 10, 1863.
November 20, 1862.	5	" " "	14,000.00	November 20, 1882.	November 20, 1863.
March 5, 1863.	5	" " "	150,000.00	January 1, 1893.	July 1, 1863.
April 1, 1854.	5¾	Solomon Whitehouse,	1,000.00	April 1, 1864.	October 1, 1863.
April 1, 1854.	5¾	J. H. Wilkins,	5,000.00	April 1, 1864.	October 1, 1863.
May 26, 1856.	6	William Gay,	7,000.00	May 26, 1865.	May 26, 1863.
June 17, 1856.	5¾	Cambridgeport Savings Bank,	5,000.00	June 17, 1866.	July 10, 1863.
July 14, 1856.	5¾	" " "	5,000.00	July 14, 1866.	July 10, 1863.
July 18, 1856.	5¾	Cambridge " "	10,000.00	July 18, 1864.	July 10, 1863.
June 1, 1857.	6	Robert Douglass,	7,692.00	June 1, 1867.	Juue 1, 1863.
June 1, 1858.	6	Dowse Institute Fuud,	10,000.00		June 1, 1863.
August 20, 1862.	6	Bridge Fund,	20,000.00	August 1, 1872.	August 20, 1863.
November 30, 1863.	6	" "	27,000.00	November 30, 1873.	
November 28, 1862.	6	Trustees Soldiers' Relief Fund,	6,000.00	November 28, 1863.	October 8, 1863.
December 2, 1862.	6	" " " "	3,000.00	December 2, 1863.	October 8, 1863.
December 2, 1862.	6	School Committee,	156.00	On demand.	
October 1, 1863.	6	Trustees Daniel White Charity,	5,000.00	On demand.	
		State of Massachusetts, State Tax,	53,424.00		
		County of Middlesex, County "	16,464.28		
July 1, 1856.	6	Loan to Cambridge Water Works,	5,000.00	July 1, 1881.	July 1, 1863.
			$603,736.28		

SCHEDULE OF NOTES DUE THE CITY OF CAMBRIDGE,

DECEMBER 1, 1863.

Amory Houghton's Note, ...	$877.06
Cambridge Water Works, Bond, . . .	50,000.00
	$50,877.06

DR. JOS. WHITNEY, TREASURER,

1862.	Balance,	$21,725.53
Dec. 1.	Trustees Soldiers' Relief Committee, for said City's Note, dated December 2, 1862, payable in one year,	3,000.00
	City Bonds sold,	150,000.00
	Premium on same,	37,500.00
	Trustees Daniel White Charity, for said City's Note, dated October 1, 1863, payable on demand,	5,000.00
	Bridge Fund, for said City's Note, dated November 30, 1863, payable in ten years,	27,000.00
	State Bank, for Interest on said City's Notes, paid before maturity,	545.55
	Union Bank, " " " " " " "	686.67
	State of Massachusetts, for State Aid refunded,	13,000.00
	State of Massachusetts, for said City's proportion of School Fund,	1,006.96
	N. Prentiss, for Note given up,	1,000.00
	Estate of A. Murdock, for Note given up,	967.50
	" " " "	1,935.00
	Cambridge Water Works, Interest,	3,000.00
	Estate of A. Murdock, "	105.93
	Amory Houghton, "	157.86
	Nathaniel Prentiss, "	7.50
	Town of Brighton, for Care and Repairs of Cambridge Great Bridge, for the years 1860, 1861, and 1862,	167.27
	For said Town's proportion of the Expense of Rebuilding said Bridge,	1,434.78
	Trustees of Hopkins Charity,	476.42
	Trustees Dana Library, for Fines and Subscriptions,	212.05
	R. Litchfield, Jr., Rent of Hall,	106.00
	Jacob Hanscom, Warden, account of Cambridge Almshouse,	5,602.87
	H. H. Eames, Superintendent of Cambridge Cemetery,	2,652.17
	S. S. Green, Weighing Fees,	155.66
	F. H. White, " "	133.08
	Joseph Burridge, Jr., " "	72.24
	J. A. Holmes, " "	154.02
	Balance of " " 1856,	20.07
	J. S. Ladd, Police Justice,	1,879.60
	Person unknown, Tax of 1852, and Interest,	3.00
	Moses Ricker, for Rent,	30.00
	William Gay, Rent of Farm, 1862,	125.00
	P. Skahen, " " 1863,	100.00
	Town of South Reading, for use of Niagara Engine, No. 3,	46.50
	A. B. Parker, for privilege of entering and using Sewer,	16.00
	Bridge Fund, for Care and Maintenance of Bridges,	4,981.65
	George C. Richardson, for Labor and Materials,	25.00
	County of Middlesex, for Rent of Court Room,	300.00
	J. A. Jacobs, City Clerk, for Dog Licenses,	503.90
	" " " " Circus "	20.00
	Sundry Persons and Institutions, Temporary Loan,	230,700.00
	School Committee, for said City's Note, dated December 2, 1863, payable on demand,	156.00
	Sundry Persons, Drain Assessments,	1,310.12
	Jos. Whitney, Collector, Taxes, 1861,	1,506.79
	" " " " 1862,	20,620.09
	" " " " 1863,	225,913.52
	" " Interest on Taxes,	837.69
		$766,899.99

CAMBRIDGE, DECEMBER 1, 1863.

IN ACCOUNT WITH THE CITY OF CAMBRIDGE. CR.

1862, Dec. 1.	County Tax,		$16,464.28
	State "		40,068.00
	Cambridge Water Works Company, Interest,		3,000.00
	Trustees Dowse Institute Fund,		600.00
	Sundry persons, Interest on Permanent Loan,		19,149.64
	" " " " Temporary "		4,597.47
	" " Temporary Loan,		230,700.00
	John Sargent, Note,		1,000.00
	Boston Provident Institution for Savings, Note,		10,000.00
	Heirs of William Gay, indorsed on note,		1,000.00
	Elizabeth Bright, Note,	$1,000.00	
	Lechmere Bank, "	25,000.00	
	State " "	20,000.00	
	Union " "	25,000.00	
	" " "	13,000.00	
			84,000.00
	Sundry persons, per Mayor's Orders,		298,299.51
	Balance on hand,		58,021.09
			$766,899.99
			$766,899.99

JOS. WHITNEY, *City Treasurer.*

REPORT

CONCERNING THE

REAL AND PERSONAL PROPERTY OF THE CITY.

In Committee on Finance, December 29, 1863.

The Sub-committee appointed by the Committee on Finance to examine the real and personal property belonging to the City, and report its estimated value, have attended to the duty assigned them, and submit the following

REPORT:

Personal property connected with the *Almshouse Establishment*, according to an Estimate and Inventory made by the Overseers of the Poor, .	$12,303.41

REAL AND PERSONAL PROPERTY OF THE CITY.

The Public Commons.
Fort Washington.
Winthrop Square.
Dana Square and Hastings Square.
The Dana Library.
The Library and Apparatus at High School.
Burial Ground in Ward One.
" " " " Two.
Cemetery Grounds.
Gerry's Landing in Ward One.
Eighteen School-houses.
Five Hay-scales.

High School-house (unfinished),	$24,122.20
Almshouse,	27,500.00
City Farm,	19,000.00
Gravel Farm,	10,000.00
City Hall and Fixtures,	21,000.00
Land and City Stables,	9,850.00
House and Land on Fourth Street,	1,500.00
Land on Thorndike Street,	2,000.00
Horses, harnesses, carts, &c., connected with the Street Department,	3,796.00
	$118,768.20

REAL AND PERSONAL PROPERTY CONNECTED WITH THE FIRE DEPARTMENT.

ACCORDING TO AN ESTIMATE MADE BY THE CHIEF ENGINEER.

Engine No. 1, and apparatus,	$1,700.00
" " 2, Steamer, including Horses, Horse Hose-Carriage, &c.,	6,600.00
" " 3, do. do. do.	6,600.00
" " 4, and apparatus,	1,450.00
" " 5, " "	1,450.00
" " 6, " "	1,450.00
Hook and Ladder Carriage and apparatus,	550.00
House and Land, No. 1,	3,000.00
" " " " 2, and Hook and Ladder,	4,700.00
" " " " 3,	3,950.00
" " " " 4,	3,000.00
" " " " 5,	3,600.00
" " " " 6,	2,000.00
Eighty-three hydrants,	3,320.00
	$43,370.00

RECAPITULATION.

Personal Property of the Almshouse,	$12,303.41
Real and Personal Property of the City,	118,768.20
Property of the Fire Department,	43,370.00
Total,	$174,441.61

All which is respectfully submitted.

GEO. P. CARTER,
F. C. FOSTER,
GEO. G. RYDER,
Sub-Committee.

REPORT

OF

THE COMMISSIONERS OF THE BRIDGE FUND.

The Commissioners of the Bridge Fund herewith submit their Annual Report for the current financial year, showing the amount of the Fund on the first day of December, 1862; the receipts upon the same, whether from interest or otherwise, together with the expenses that have been paid, and the present condition and amount of the Fund.

Amount of Fund, December 1, 1862,	$114,278.12	
Interest received,	7,527.01	
Premium on City of Boston Bonds, sold,	1,425.00	
Bank Dividends,	800.00	
Rent of toll-houses,	100.00	
		$124,130.13
Expense of repairing bridges,		4,981.65
Present amount of Fund,		$119,148.48

Which is invested as follows, to wit:

66 Bonds Cambridge Horse Railroad Co., $500 each,	$33,000.00
City of Cambridge note, dated August 20, 1862, payable in ten years,	20,000.00
City of Cambridge note, dated November 30, 1863, payable in ten years,	27,000.00
100 Shares Cambridge City Bank Stock,	10,000.00
Amount carried forward,	$90,000.00

Amount brought forward,	$90,000.00

The following Notes, secured by mortgage, payable in five years from their respective dates, with the exception of those of Isaac Livermore, which are payable on demand.

Isaac Livermore, note, dated September 30, 1856,	6,000.00
Amory Houghton, " " February 8, 1858,	7,400.00
John Sargent, " " December 1, 1858,	2,000.00
" " " " April 12, 1859,	2,000.00
Amory Houghton, " " January 1, 1859,	5,000.00
Isaac Livermore, " " October 17, 1860,	6,000.00
Cash on hand, ...	748.48
	$119.148.48

During the year the following mortgages have been paid with all interest due thereon, namely:

B. E. Colley, ...	$4,000.00
A. H. Safford, ...	2,500.00
J. & J. O. Wetherbee, ...	4,000.00
The bonds of the City of Boston have been sold, ten of $1,000 each, ...	10,000.00
	$20,500.00

These sums, with balance on hand December 1, 1862, the premium on City of Boston Bonds, sold, and part of excess of interest received over expenditures on bridges, have been invested in a note of the City of Cambridge, dated November 30, 1863, on ten years, for $27,000.00

And there is on hand a cash balance, subject to investment, or use in expenditures on the bridges when needed, of $748.48

GEO. C. RICHARDSON,
SAM'L P. HEYWOOD,
JOS. WHITNEY,
JOHN P. PUTNAM,
K. S. CHAFFEE,
} *Commissioners.*

CAMBRIDGE, December 30, 1863.

REPORT

OF THE

COMMITTEE ON SOLDIERS AND THEIR FAMILIES.

In Board of Aldermen, December 30, 1863.

The Joint "Committee on Cambridge Soldiers and their Families," under the "Ordinance in relation to the disbursement of the appropriation for Volunteers and their Families," respectfully submit the following Report:

In the discharge of this important trust, the Committee have endeavored faithfully to perform the laborious services required of them. They have been spared much labor and trouble in the performance of their often difficult duties, by having associated with them several gentlemen who were members of a like Committee in a previous year, as well as by the services and experience of our most excellent City Clerk.

Yet new legislation and new interpretations of past legislation, relating to this important department of public affairs, have required constant watchfulness, that the intentions of the State might be carried out, the interests of the City be guarded, the dictates of humanity be obeyed, and our whole duty to our soldiers in the field or the hospital, disabled or discharged, and to the families of those deceased, be faithfully and judiciously performed. The rules and regulations of our immediate predecessors in office were adopted for our guidance, and have, as nearly as possible, been followed.

The Committee, at their first meeting, divided the City into thir-

teen districts, one of which was assigned to each member of the Committee, except the Chairman.

Experience, and a true regard for the wants of those dependent upon the Volunteers, and recipients of State and City aid, caused the Committee, in the early part of the year, to adopt monthly instead of semi-monthly payments, the pay-day being the last day in the month — which arrangement, so far as we are informed, has been satisfactory to all.

The whole number of families to whom aid has been given during the year has been	922
The number now on the lists of the Committee, is .	591

The total amount of these disbursements, from January 1, 1863, to December 31, 1863, as appears by the Clerk's records, as reported by him to the Committee, is	$87,953.16
The amount of payments for the month ending December 31, is (for five weeks)	$6,773.50
This is paid to 591 families, being an average to each family of a fraction over $2.29 per week.	
Of the amount paid as above, the City, by the return about to be submitted by the Mayor and Aldermen to the State Auditor, as made out by the Clerk of the Committee, has a claim upon the Commonwealth to have refunded the sum of	$74,489.07

The increased number of disabled, discharged, and deceased soldiers the past year, has constantly brought before the Committee subjects for new investigation and revision. In fact, the labor of the Committee cannot at any time be said to be finished.

New relations between the Committee and the beneficiaries are constantly taking place, requiring careful personal attention on the part of each member of the Committee, in the revision and re-revision of his list, and of the facts and circumstances of each case.

The requirements of the State authorities, in the matter of the returns relating to our Volunteers and State aid, call for increased labor on the part of the City Clerk, whose valuable services in this

connection, with the promptness and fidelity of their execution, can hardly be over-estimated by the community.

All which is respectfully submitted.

GEO. C. RICHARDSON,
K. S. CHAFFEE,
EZRA PARMENTER,
N. P. BROOKS,
MASON DAVIS,
ALBERT STEVENS,
FORDYCE M. STIMSON,
J. B. COOK,
J. NEWMARCH,
SAMUEL JAMES,
SAMUEL W. DUDLEY,
GEO. E. RICHARDSON,
GEO. P. CARTER,
HENRY LAMSON,
} *Committee.*

CITY OF CAMBRIDGE.

In Board of Aldermen, December 30, 1863.

Accepted and ordered to be printed with the next City documents.

Sent down for concurrence.

Attest: JUSTIN A. JACOBS, *City Clerk.*

In Common Council, December 30, 1863.

Concurred.

Attest: JOS. G. HOLT, *Clerk.*

REPORT

OF THE

COMMISSIONERS OF THE CAMBRIDGE CEMETERY.

To the City Council of the City of Cambridge:

GENTLEMEN, — The Commissioners of the Cambridge Cemetery respectfully present the Report of their doings for the year ending December 1, 1863.

In pursuance of the order of the Board of Aldermen, dated February 4, 1863, the Commissioners selected and set apart a lot in the Cemetery, containing about 300,000 square feet, called the "Oval Lot," to be consecrated as the burial-place of such of our patriotic citizen soldiers belonging to Cambridge, as have died or may die in the service of their country.

It having been ascertained upon actual examination that the original plan of the grounds in the Cemetery was quite irregular, and not the result of a scientific survey, and of but little use in laying out lots, the Board, after due inquiry and examination, being satisfied that the interest of the City required a new survey, engaged Mr. J. G. Chase, a civil engineer, to examine the grounds and report to the Commissioners his views on the subject.

That gentleman, having made an investigation of the whole area of the Cemetery, prepared a plan, which he presented to the Board, which appeared, in its general outlines, to be satisfactory. He was accordingly instructed to prepare a new plan, in accordance with his preparatory minutes, by which we gain two hundred and forty-two lots, with the addition of several more, by levelling and filling up certain parts of the grounds which have heretofore appeared to be unavailable.

The expenditures for the Cemetery, for the past year, are as follows, to wit:

Amount of Superintendent's salary,		$650.00
Paid for use of horse,		150.00
" " survey and new plan,		200.00
" " shovels, markers, stakes, and plank,		110.20
" " labor in Cemetery,		1,437.19
		$2,547.39
Amount received for sale of lots,	$1,441.00	
" " " burial fees,	418.50	
" " " work,	792.67	
		$2,652.17
Balance in favor of Cemetery,		$104.78

Number of lots graded and sold,	29
" " " " " unsold,	4

All which is respectfully submitted.

GEO. C. RICHARDSON,
ABRAHAM EDWARDS,
SILAS B. BUCK,
J. C. FARNHAM,
JOHN P. PUTNAM,
JOHN S. POLLARD,
} *Commissioners.*

CITY OF CAMBRIDGE.

In Board of Aldermen, December 30, 1863.

Accepted, and ordered to be printed with the next City documents.

Sent down for concurrence.

Attest: JUSTIN A. JACOBS, *City Clerk.*

In Common Council, December 30, 1863.

Concurred.

Attest: JOS. G. HOLT, *Clerk.*

REPORT

OF

THE OVERSEERS OF THE POOR.

The Overseers of the Poor submit their usual Annual Report of the department under their charge, for the year ending December 1, 1863.

From the return made to the Secretary of the Commonwealth, for the year ending September 30, 1863, a copy of which is appended to this Report, we learn, among others, the following particulars:

The whole number relieved or supported was three hundred and ninety-six. Of these two hundred and twenty-one were relieved out of the Almshouse. And the rest, one hundred and seventy-five, were supported for the whole or some part of the year within it. No persons receive entire support out of the Almshouse except the insane at the State Lunatic Hospitals. The average number in the Almshouse for the year has been eighty-one.

The Board have continued the same regulations as last year in withholding aid from those assisted by the Committee of the City Council on Volunteers and their Families.

The plan of affording partial support to needy persons outside of the Almshouse has been continued, and under the same difficulties, heretofore experienced, in discriminating as to where such aid should be given and where withheld. In some cases temporary relief, together with the exertions of the individual, may save him the humiliation of going into the Almshouse, while in others idleness may be encouraged.

In reference to religious services and Sabbath school instruction, the Overseers, early in the year, decided to continue the arrangement

of the previous year, having preaching on every other Sabbath, and Sabbath school exercises on the alternate Sabbaths.

The Physician of the Institution, Dr. Moses Clarke, voluntarily offered to procure preachers, which he has done by inviting various clergymen to officiate; and the services have been conducted in a manner highly satisfactory to all parties, and have, it is believed, been very beneficial to the inmates.

The Sabbath School has continued under the charge of Dr. Clarke, and he has been assisted by teachers who have volunteered their services in this interesting field of labor.

The Expenditures of the Almshouse have been considerably larger than the previous year. But the most of the increase may be accounted for by the increased cost of almost every article furnished to the Institution, and by the addition to the amount of personal property, being an increase over that of last year.

There has also been added this year to the Almshouse property, which does not show in the personal property, a building, eighty feet long, costing about five hundred dollars, besides new fences costing one hundred dollars. The appropriation by the City Council at the commencement of the year was, —

For the Almshouse,	$13,000.00
Subsequently added,	4,500.00
	$17,500.00
Expenses,	17,317.53
Unexpended balance,	$182.47
Appropriation for Stone Ledge,	$300.00
Subsequently added,	1,300.00
	$1,600.00
Expenses,	1,591.89
Unexpended balance,	$8.11

The following are the expenditures for each month, as per bills approved by the Overseers, under each head:

		Almshouse.	Ledge.
1862.	December,	$1,770.92	$65.50
1863.	January,	2,539.97	56.17
"	February,	1,547.66	32.00
"	March,	1,118.23	16.00
"	April,	1,597.53	33.75
"	May,	1,050.84	55.00
"	June,	520.55	110.00
"	July,	1,237.18	118.75
"	August,	866.70	179.13
"	September,	716.30	354.33
"	October,	2,347.11	237.00
"	November,	1,032.58	65.12
		$16,345.57	$1,322.75

It will appear from the above aggregate of bills approved by the Overseers, that the expenses fall short of the appropriations for the Almshouse by the amount of $182.47, and exceed the expenditures of last year by $4,128.54.

The arrangement made for collecting house offal in May, 1862, under the ordinance of the City Council, prohibiting all persons from collecting this offal unless licensed by the Board of Aldermen, has been continued, but under somewhat embarrassed circumstances, growing out of the action of the Board of Aldermen the present year, granting partial licenses to the inhabitants of the City to keep hogs. The Board of Overseers believe that if the system of collecting offal, adopted in 1862, should be fully carried out, it would prove completely successful and highly beneficial to the City. The Board are unable to analyze critically the receipts and expenses of this branch of the institution the past year, which can only be done by keeping a separate account in this department. The receipts at the Almshouse from all sources have been as follows:

For hogs sold,	$2,099.89
" vegetables,	1,580.53
" fish,	209.00
" cows,	453.65
" stone,	1,047.09
" rent of house,	50.00
Amount carried forward,	$5,440.16

Amount brought forward,	$5,440,16	
For board of persons, . . .	793.52	
Received of Middlesex County for support of persons sentenced, ...	259.71	
		$6,493.39
Of which there have been paid by the Warden to the City Treasurer, . . .	$5,602.87	
Paid by Warden sundry bills, . . .	890.52	
		$6,493.39

During the year 1863 there have been paid $513.20, for hogs purchased last year or in 1862.

The amounts due the Almshouse up to December 1, 1863, and uncollected are as follows:

From County of Middlesex, for board of women with nursing children committed to workhouse in 1862 and 1863, ...	$216.00
From State of Massachusetts, for burial of State paupers, ...	42.50
From cities and towns for aid of poor persons, . .	122.09
From rent of house, ...	50.00
From sundry persons for stone delivered this and previous year, ...	1,103.96
	$1,534.55

Amount of drain stone delivered Superintendent of Streets, ...	$1,618.30

The value of the personal property at the Almshouse, as estimated by a Sub-committee of the Board, is $12,303.41, — which, as will be seen, is an increase to the amount of $2,939.76 from last year.

The general condition of the inmates as to health has been good, as will appear by the Report of the Physician.

In reviewing our intercourse with the Institution during the past year, the Board of Overseers take pleasure in bearing testimony to the judicious and faithful management on the part of the Warden, Mr. Hanscom, and the Matron, Mrs. Hanscom. And they cannot close their Report without making repeated mention of the valuable services of Dr. Clarke, as Superintendent of the Sabbath School, and

of his important labors in the supply of preaching to the inmates. His earnest and self-sacrificing devotion to the moral and religious welfare of the Institution is worthy of our warmest commendation.

All which is respectfully submitted.

GEO. C. RICHARDSON,
WILLIAM CALDWELL,
GEO. T. GALE,
WILLIAM HUNNEWELL,
D. U. CHAMBERLIN,
L. B. GUYER,
JOSEPH H. RICE,
} *Overseers of the Poor.*

CAMBRIDGE, December 30, 1863.

CITY OF CAMBRIDGE.

In Board of Aldermen, December 30, 1863.

Ordered to be printed with the next City Documents. Sent down for concurrence.

Attest: JUSTIN A. JACOBS, *City Clerk.*

In Common Council, December 30, 1863.

Concurred.

Attest: JOS. G. HOLT, *Clerk.*

RETURN OF CHILDREN

UNDER FOURTEEN YEARS OF AGE, SUPPORTED AT THE PUBLIC CHARGE IN THE CITY OF CAMBRIDGE, DURING THE YEAR ENDING SEPTEMBER 30, 1863.

NAMES.	AGE.	SEX.
Belinda Sweeny,	12	Female.
Celia Sweeny,	8	"
Eliza Gilligan,	12	"
Hannah M. Morse,	10	"
Mary O'Brien,	8	"
Agnes N. Adams,	12	"
Mary J. McNabb,	6	"
Ellen McNabb,	4	"
Ellen Day,	11	"
Anna McCabe,	6	"
Ann E. Martin,	6	"
Kate Martin,	4	"
Eliza Day,	4	"
Mary A. Donovan,	11	"
Ellen Donovan,	6	"
Isabella Bracelin,	6	"
Barbara Bracelin,	4	"
Isabella Stinson,	9	"
Emma F. Stinson,	7	"
Frederic Smith,	13	Male.
Geo. H. Morse,	13	"
Royal Morse,	6	"
Morgan J. Sweeney,	10	"
Michael Barry,	11	"
Charles J. Cutter,	10	"
William Temple,	8	"
William McNabb,	10	"
Edwin J. Morse,	6	"
Peter Casey,	6	"
Frank Casey,	4	"
Leo. Schnepf,	4	"
Michael Murphy,	5	"
John Riley,	10	"
Patrick Riley,	8	"
Albert Laws,	9	"
James Laws,	7	"
Henry Flood,	8	"
William Sanderson,	11	"
John Bracelin,	9	"
Thomas Kelly,	13	"
John Day,	11	"
James Day,	7	"
James Hoy,	4	"
John Mack,	9	"
John Keith,	9	"
Edward Keith,	7	"
Benjamin F. Mills,	7	"
William Conway,	5	"
Joseph Malloy,	5	"
John Donovan,	8	"
Charles F. Chapman,	10	"
George H. Coleman,	8	"
John McQuaid,	12	"

RETURN OF THE NUMBER AND CONDITION OF THE POOR

IN THE CITY OF CAMBRIDGE, DURING THE YEAR ENDING SEPTEMBER 30, 1863.

1. What number of persons have been relieved or supported by your Town during the whole or any part of the year ending September 30? . .	396.
2. What number have received full support in your Almshouse during the whole or any part of the year?	175.
3. What number, including children, have received full support *out* of the Almshouse during the whole or any portion of the year?	None.
4. How many persons have you *aided* or assisted with *partial* support out of the Almshouse? . .	221.
5. What was the number of inmates being fully supported in your Almshouse September 30? . .	80.
6. How many persons were being fully supported *out* of the Almshouse?	None.
7. How many were receiving partial support out of the Almshouse?	289.
8. What has been the *average* number weekly during the year supported in the Almshouse? . . .	81.
9. What number of the inmates of your Almshouse were unable to perform any labor? . . .	40.
10. How many, supported or relieved in your Town, within and out of the Almshouse, were insane?	6.
11. How many insane persons have been supported by your Town in the State Lunatic Hospitals? .	4.
12. How many have been supported in hospitals out of the State?	None.
13. How many, supported or relieved in your Town, within and out of the Almshouse, were idiots?	4.
14. How many idiotic persons have been supported by your Town in the Massachusetts School for Idiotic and Feeble-minded Youth?	None.
15. What number of all those relieved and supported were made dependent by *intemperance* in themselves?	One third.
16. What number by intemperance in those who ought to have been their supporters?	Nearly all.
17. Of the whole number *relieved* and *supported*, how many had a legal settlement in your Town? .	Not over one-third.
18. How many were naturalized citizens (of foreign birth)?	Unknown.
19. How many were aliens (*not* naturalized)? .	Unknown.
20. How many were born in England and Ireland?	Unknown.
21. How many State paupers have you sent to the State Almshouses?	47.
22. Has your Town an Almshouse?	Yes.
23. What number of acres of land is attached to your Almshouse?	$36\frac{3}{4}$ acres.
24. What is the estimated present value of your Almshouse property?	
(1) Value of Real Estate, . . $45,000	
(2) Value of Personal Property, . 10,750	
	$55,750.

25. What is the average weekly cost of fully supporting a pauper in the Almshouse, not including in the estimate of said cost interest on the value of the Almshouse, or the income of the farm? . .	$2.50.
26. What has been the average weekly cost of the full support of a pauper *out* of the Almshouse? .	Do not support any fully.
27. What is the total net amount of expense of supporting and relieving the poor in your Town, within and out of the Almshouse, including the interest on the cost of the establishment?	$13,000, as near as can be ascertained.
28. What is the estimated value of the labor performed by the poor in your Almshouse? . . .	$300.
29. What number of persons have been provided for under section twenty-five, chapter seventy-one of the General Statutes?	None.

REPORT

OF

MOSES CLARKE, M. D.,

VISITING PHYSICIAN.

To the Overseers of the Poor of the City of Cambridge:

GENTLEMEN, — Ten persons have died in the Almshouse, during the past year; two of these were there at the commencement of the year, each in an advanced stage of consumption; since then eight others have been admitted with various diseases and in various stages, some living but a few hours after being brought in, while some have lived several weeks.

They were all tenderly cared for and nursed by the Warden and his family. One child has been born in the house during this period.

The year eighteen hundred sixty-three will be remembered by the Overseers as a remarkably healthy one; no severe or protracted case of disease has originated in a family varying in numbers from seventy to ninety persons, one-half of these children, during this period.

Very respectfully yours,

MOSES CLARKE.

CAMBRIDGE, December 30, 1863.

REPORT

OF THE

CHIEF ENGINEER OF THE FIRE DEPARTMENT.

ENGINEERS' OFFICE, FIRE DEPARMENT,
CAMBRIDGE, December 18, 1863.

To the Honorable Mayor and City Council :

GENTLEMEN : — In compliance with the requirements of the Fire Ordinance, I present the following Report of the condition of the Fire Department, together with a record of its operations during the year ending this date. The entire Roll of the Department at this date, comprises one hundred and ninety-five men. The average membership has been equal to that of last year, although many changes have taken place consequent upon removal of members from the City. Thirty-six alarms have occurred during the year ; twenty-three of which were for fires in the City, seven from out of the City, and six from other causes. Twelve alarms originated in East Cambridge, twelve in the 'Port, four in Old Cambridge, and one in North Cambridge. Engines were used at thirteen fires, one only requiring the use of all the Engines of the Department. Assistance has been rendered at fires out of the City twice, received assistance four times.

The loss by fire is $15,440. Insurance for same $8,040. This is the smallest loss, with the exception of that of the year 1860, during the last twelve years, and the smallest number of alarms, with the exception of the year 1861, during the same period.

The general expenses of the Department the past year have been less than usual, but the whole expense will appear large from the fact that the bills for Steamer No. Three and appurtenances, together

with bills for land and stable, having been contracted in the fall of 1862, are to come out of this year's appropriation, in addition to the outlay for Steamer No. Two, appurtenances, and alterations of house for same. Both Steamers have given entire satisfaction, never having failed in any instance to meet the requirements. We have in working these Steamers a power equivalent to three Hand Engines each. The pay rolls to members, expense of horse keeping and shoeing, for Steamer No. Three, for the year ending September 18, amounted to $1,719.54, while the pay for a full-manned Hand Engine Company is $1,750.00. The substituting of a Steamer for Hand Engine No. Two has materially added to the efficiency of the Department, and met an emergency which appears to be evident, that persons willing to perform fire duty are not so numerous as before the war commenced. The present call for soldiers will undoubtedly draw upon the Fire Department, and it is not improbable, under the circumstances, that a Steamer may be required in Ward One the coming year. Should a Steamer be substituted for Engine No. One, it would be necessary to erect a new building, as the one now occupied by that Engine is not sufficiently large to meet the requirements, neither is the location desirable, as the Engines for the protection of that section of the City are now situated opposite each other on the same street.

The Hook and Ladder Company as at present organized is allowed twenty-five men. Twenty men would be sufficient for the duty required at fires, were a horse provided to draw the carriage, and as there is ample accommodation for another horse in Steamer Two's stable, I would recommend that the above named Company be limited to twenty men, and a horse procured to draw the carriage.

The subject of a Telegraphic Fire Alarm is now under consideration by the Committee on the Fire Department, and I trust it will be so disposed of as to attract the early attention of the next City Government, as the necessity for such a system is apparent to all who are familiar with its operation in giving directness to the efforts of the firemen, preventing delay, and saving unnecessary wear and tear of apparatus.

Reservoirs and Hydrants will require considerable attention another season, as many are decayed near the surface of the ground. The houses used for the purposes of the Department are in good condition, the Companies prompt and efficient, as are also the Fire Police.

Appended to the Report are the Rolls of the several Companies,

under each of which will be found a schedule of the property in their possession, also a tabular statement giving full particulars of fires and alarms which have occurred during the year, together with a list of the Reservoirs and Hydrants.

Respectfully submitted,

GEO. B. EATON,

Chief Engineer Fire Department.

ENGINEERS.

Chief Engineer.

GEORGE B. EATON, Columbia, cor. Washington street.

Assistant Engineers.

ORRIN G. JONES,	Chauncy street.	
LEANDER GREELY,	Park "	
SAMUEL M. FRYE,	School "	(Sec. of Bd.)
JOHN G. HOPKINS,	Spring "	

Cambridge Engine Company, No. 1.

House on Church Street, Ward 1.

JACOB A. HOLT,	*Foreman.*
DENNIS CRONIN,	1*st Assist. Foreman.*
GEO. O. ROLLINS,	2*d* " "
JOHN L. JONES,	*Clerk.*
HUGH MCNAMEE,	*Steward.*

Chas. H. Ryan,	William Watts,	William Woodland,
John Lally,	Patrick Carlan,	Chas. D. Russell,
Chas. McEvoy,	Edward Connaton,	P. Reddington,
Cornelius V. Braslan,	Ebenezer Atkins,	James P. Nolan,
Martin Flaherty,	John Williams,	Joseph McLean,
James Donnelly,	Thos. Houghton,	Robert Forest,
Bernard McElearney,	Matthew Hennessey,	D. J. Crowley,
James Brenan,	William Fleet,	James Forest.
Granville S. Nutting,		

Thirty Members.

Condition of House and Apparatus.

House, Engine, 22 feet Suction Hose, 1 Pipe, 2 Axes, Hose Carriage, 3 Buckets, 690 feet Leading Hose, 1 Blunderbuss, in good condition.

Engine built by Hanneman & Co.

Union Steam Fire Engine Company, No. 2.

House on Main, near Windsor Street, Ward 4.

William Cade,	*Foreman.*
Thomas Lucy,	*Assist. Foreman.*
John T. Russell,	*Engineer.*
Geo. H. Coolidge,	*Fireman.*
John Walker,	*Driver.*
Simon Hitchcock,	*Driver of Hose Carriage.*

Joseph Cartwright,	Eldorado Osborn,
Augustus Tallack,	John Andrew,
Daniel McCarty,	Chas. H. Packard,
Jesse Haley,	Peter Thoroughgood.

Fourteen Members.

Condition of House and Apparatus.

House, Engine, with all the Appurtenances, 24 feet Suction Hose, 3 Horses, Horse Hose Carriage, 1000 feet double riveted Leather Hose, 2½ inch, 150 feet single rivet, 200 feet 6 ply Rubber, 2 Pipes, 3 Buckets, 1 Axe, 2 Blunderbusses, in good condition. Also, 375 feet 2 inch Hose, formerly used by Hand Engine Company, No. 2, which will be furnished to Hand Engine Companies as they may from time to time require.

Engine built by Amoskeag Manufacturing Company, Manchester, N. H., and placed in the Department, August 1. It is of the second class size, has one steam cylinder 8½ inches in diameter, one double acting vertical plunger pump of 4¾ inches diameter, with 12 inch stroke. Will discharge 400 gallons of water per minute if required, or throw two ⅞ inch streams 210 feet each, or one 1⅛ inch stream 250 feet. With fuel and water as run to fires weighs 5,840 lbs.

Niagara Steam Fire Engine Company, No. 3.

House on Cambridge, near Third Street, Ward 3.

Thomas J. Casey,	*Foreman.*
William J. Smith,	*Assist. Foreman.*
Calvin C. Smith,	*Engineer.*
——— ———	*Fireman.*
James S. Casey,	*Driver.*
Lorenzo Dale,	*Driver of Hose Carriage.*

William H. Jenness,	Michael Collins,	John Burns,
John Dennis,	Alex. Frazier,	James McLaughlin,
James Murphy,	Bartholo. McCormick,	Michael Kelly.

Fourteen Members.

House, Engine, with all the Appurtenances, 24 feet of Suction Hose, 3 Horses, Horse Hose Carriage, 1,000 feet double riveted Leather Hose, 150 feet single rivet, 200 feet 6 ply Rubber, 2 Pipes, 3 Buckets, 1 Axe, 2 Blunderbusses, in good condition. Loaned to Engine Company, No. 9, 300 feet Hose.

Engine built by Amoskeag Manufacturing Company, Manchester, N. H., and is of precisely the same pattern as No. 2.

Hydrant Engine Company, No. 4.

House at junction of Western Avenue and River Street, Ward 4.

Newell Martin, Jr.,	*Foreman.*
Sanford A. Parker,	1*st Assist. Foreman.*
Thomas Luther,	2*nd* " "
Joseph L. Drew, Jr.,	*Clerk.*
Joseph Pierce,	*Steward.*

John Jenness,	John Hicks,	Charles Humphrey,
William Norris,	Cyrus Stevens,	Francis W. Brown,
Daniel M. Hazen,	William Ewell,	Samuel Wentworth,
William Dolan,	Joseph Stevens,	John A. Cars,
Isaac Joy,	George Nowell,	S. E. Faunce,

Thomas Dolan,	Michael Follen,	Samuel W. Jenness,
Albert Norris,	B. F. Fox,	Abraham Lincoln,
F. Greenwood,	J. W. Green,	Anthony Griffin,
John W. Walker,	James S. Cole,	Mellen Greely.
Alfred C. Hicks,	W. M. Perkins,	

Thirty-Four Members.

Condition of House and Apparatus.

House, Engine, 27 feet Suction Hose, 6 Buckets, 3 Pipes, 3 Axes, 2 Blunderbusses, Hose Carriage, 700 feet Leading Hose, in good condition.

Engine built by Hunneman & Co.

Daniel Webster Engine Company, No. 5.

House on North Avenue, near Shepard School-house, Ward 5.

George A. Marston,	*Foreman.*
Asa S. Thompson,	1*st Assist. Foreman.*
Daniel O'Connell,	2*d* " "
Geo. Newton,	*Clerk.*
Nathaniel Haynes,	*Steward.*

Warren Cutter,	Joseph Eaton,	E. F. Kingsbury,
W. H. Crosscup,	E. Griffin,	S. M. Parsons,
B. C. Whitcher,	Frederick A. Gerry,	Henry Russell,
J. H. Pierce,	Joseph Lawrie,	Thomas Dignan,
Wm. Bryant,	Walcott Richardson,	Geo. Cutter,
A. C. Rowe,	T. D. Morse,	Albert Dunkin,
James Simonds,	Stephen Stiles,	James A. Henderson,
David D. Claflin,	Samuel Stiles,	John Lucas,
Geo. H. Griffin,	Henry H. Carr,	Wm. Jennings,
Oliver A. Bond,	Francis Mason,	Henry Clay,
Henry K. Parsons,	Samuel J. Wright,	Samuel Rice.

Thirty-eight Members.

Condition of House and Apparatus.

House, Engine, 27 feet Suction Hose, 4 Buckets, 1 Pipe, 2 Axes, 1 Blunderbuss, Hose Carriage, 500 feet Leading Hose, good; 1 Hose Carriage, 300 feet Leading Hose, ordinary.

Engine built by Howard & Davis.

Pioneer Engine Company, No. 6.

House on corner of Main and Dock Streets, Lower Port.

Joshua S. Sanborn,	*Foreman.*
Murty Moenix,	1*st Assist. Foreman.*
Geo. S. Dudley,	2*d* " "
Henry Morris,	*Clerk.*
Timothy Nelson,	*Steward.*

John Kelly,	Michael Holland,	True Scales,
Robert Shea,	Harry Heildge,	John O. Roberts,
James Conniff,	John Deacy,	Matthew Murphy,
Curly Bowen,	Geo. F. Renkin,	Philip Munroe,
Michael Curly,	Peter P. Murphy,	Thomas Martin,
Timothy Sullivan,	Michael Hartz,	Jas. W. Hiscock,
James Shay,	Bartholomew Horton,	James Carlin,
Daniel Donovan,	Frank Dority,	John Hogan,
Richard Tobin,	John Grennan,	Edward Sennott,
James Conley,	John Black,	J. A. Andrews.
Helery B. Andrews,	John Ward,	

Thirty-seven Members.

Condition of House and Apparatus.

House, Engine, 26 feet Suction Hose, 4 Buckets, 2 Axes, 2 Pipes, Hose Carriage, 675 feet Leading Hose, good.

Engine built by Hunneman & Co.

Hand Engine No. 2 and Hose Carriage are stored in one of Messrs. Allen & Endicott's buildings, Main Street. Hand Engine No. 3 and Hose Carriage are stored in a building connected with the N. E. Glass Works.

These Engines and Hose Carriages are for sale or to let.

Received from towns of South Reading and Brighton for use of Engines, $69.50.

Franklin Hook and Ladder Company, No. 1.

House on Main, near Windsor Street, Ward 4.

Daniel E. Frasier,	*Foreman.*
Webb Harding,	1*st Assist. Foreman.*
Jackson E. Hall,	2*d* " "
Thomas M. Davis,	*Clerk.*
Daniel Cross,	*Steward.*

Thomas Drinan,	Daniel Messer,	Moses C. Shattuck,
Charles F. Davis,	Israel Woodbury,	George McIntosh,
Edward T. Nichols,	Edward Bancroft,	James Ewell,
John H. Marcy,	Wm. S. Brown,	George Buxton.
Gustavus A. Smart,	Isaac Rivers,	

Nineteen Members.

Condition of House and Apparatus.

House, Carriage, 12 Ladders of various lengths from 12 to 35 feet, 1 Splice Ladder 52 feet in length, 2 Guy Ropes, 8 Buckets, 3 large Fire Hooks with chain and rope attached, 2 small Hand Hooks with poles, 4 Chain Dogs, 4 Fire Rakes, 7 Pitchforks, 4 Axes, 6 Crotch Poles, 2 Crowbars, 2 Saws, 1 Harness, 1 Wrench to Reservoir supply pipes, in good condition.

One long ladder is kept in a shed attached to the fence in the yard of the First Methodist Society, Third Street, Ward 3, also 1 Fire Hook, the rope to which is kept in No. Three Engine House.

Two Ladders, one of 35 feet, and one of 26, together with a large Fire Hook, are kept in a shed attached to Daniel Webster Engine House in Ward 5. The rope to Hook is kept in said house.

In addition to the articles herein described, the Companies are furnished with the requisite number of Badges, Keys, Fire Hats, Belts and Spanners, Signal Lanterns, Hand Lanterns, Crowbars, Hydrant Wrenches, Goose-necks, Reducing Couplings, and all the necessary apparatus for use in the performance of their respective duties.

Fire Police.

Allen B. Parsons, Ward 1.
George S. Pike, " 2.
Henry A. Hills, " 3.
Moses Ricker, " 4.

Hunneman Engine Company, No. 7.

House on Church Street, Ward 1.

Francis L. Chapman, *Foreman.*

The duties of this Company are confined more particularly to the Ward, as the apparatus in their charge is private property, but by an agreement with the City they render assistance in other parts when required. They receive $100 per year from the City for repairs, and $8 per hour for services rendered. It is a large and efficient Company, and indispensable in that locality.

COMPENSATION OF THE FIRE DEPARTMENT.

ENGINEERS.

Chief Engineer, $300 per annum; Assistants, each, $100; Secretary of the Board, $25.

COMPANIES.

Foreman,	$60	per annum.
First Assistant Foreman,	50	" "
Second " "	45	" "
Clerk,	55	" "
Steward,	115	" "
Allowance for Fuel and Lights,	25	" "
Engineer of S. F. E.,	60	" month.
Driver " "	40	" "
Members,	40	" annum.

[The compensation of Hand Engine Companies No. One and Five, is one half the above, with the exception of the Steward's, which is $85. The allowance for fuel and lights is the same as to other companies.

The Steward of the Hook and Ladder Company receives $70 per annum, and the allowance for fuel and lights is $15.]

RESERVOIRS.

A star [*] indicates those furnished with supply pipe.

LOCATED IN WARD ONE.

Corner Main and Dana streets.
Mt. Auburn street, foot of Linden street.
* " " opposite Orthodox Church.
* Corner Brighton and Spring streets.
Brattle street, south end Appian Way.
Garden street, north " " "
School Court, north end.
* Junction Garden street and Concord Av., opposite Arsenal.
North Avenue, near junction Waterhouse street.
Square, front of house of late Dr. Holmes.
Kirkland, opposite Oxford street.
Sumner street, opposite residence of Mr. Lerned.
Cambridge street, opposite Richardson's Buildings.
Prescott street, near J. D. Green's barn.
Bow street, centre of Square.
College Yard.

LOCATED IN WARD TWO.

* Junction Main street and Broadway.
Pioneer street, front of School-house.
* Corner Harvard and Davis streets.
* Broadway, corner of Windsor street.
Corner Washington and Windsor streets.
* Harvard street, head of Cherry.
Corner Harvard and Norfolk streets.
* Harvard street, opposite Burial Ground.
* Corner Harvard and Prospect streets.
Corner Essex and Austin streets.
Corner Main and Hancock streets.
Broadway, head of Tremont street.
* Prospect street, 175 feet north of Broadway.
* Norfolk street, midway between Broadway and Hampshire street.
* Corner Harvard and Columbia streets.
* Austin street, opp. house of late A. Rice.
* Corner Inman and Harvard streets.
* Corner Clark and Hampshire streets.
* Corner Medford and Cambridge streets.
* Corner Tremont and Gardner streets.
Corner Washington and Cherry streets.

LOCATED IN WARD THREE.

* Front of Hotel, junction Bridge and Gore streets.
* Corner Gore and North Third streets.
* Cambridge street, 70 feet east of North Third street.
Corner South Sixth and Spring streets.
* Corner Otis and Fourth streets.
Corner Cambridge and South Fifth sts.
* Corner Thorndike and Third streets.
New England Glass Co.'s Yard.
Winchester's Factory Yard.

LOCATED IN WARD FOUR.

* Corner Washington and Harrison sts.
East end of School street, near Brooks' Buildings.
Main street, 50 feet west of Car Factory.
Main street, near Hovey's Bacon Works.
Corner School and Cherry streets.
Corner Brookline and Auburn streets.
Corner Pearl and Franklin streets.
* Junction Western Avenue and Pleasant street.
* Corner Magazine and Williams streets.
Main street, near Liberty Pole.
* Corner Main and Brookline streets.
* Corner Austin and Douglass streets.
* Pearl street, near Jones & Co.'s Factory.
* Main street, junction of Western Avenue and River street.
Corner Main and Austin streets.
Green street, opposite house of Daniel Stone.
Main street, East side of D. Osborn's Factory.
Corner Washington and Pine streets.

LOCATED IN WARD FIVE.

In Square opposite Porter's Hotel.
North Avenue, near Engine House No. Five.

HYDRANTS.

LOCATED IN WARD ONE.

On Brattle street, on the line between Messrs. Longfellow and Hastings.
Corner Brattle and Ash streets.
" Brattle and Hilliard streets.
On Brattle street, at the corner Brattle House estate, near big tree.
On Harvard street, opp. Harvard Block.
Junction of Main and Harvard streets.
Corner Main and Trowbridge streets.
" Harvard and Remington streets.
On Cambridge street, opposite Scientific School.
Corner Cambridge and Sumner streets.
" N. Avenue and Chauncy street.
Mt. Auburn, opposite McClellan street.
Corner Cambridge and Baldwin streets.
" Garden and Mason streets.
On Waterhouse street.
Corner Mt. Auburn and Brighton streets.
" Mt. Auburn and Howard streets.
" Dunster and South streets.
On Kirkland street, opposite Divinity Hall Avenue.
On Oxford Street.
On North Avenue, opp. Linnæan street.
Corner North Avenue and Shepard street.
Between the rails of R. R. track, in front of Lyceum Hall.
Corner of Phillips place and Berkeley st.

LOCATED IN WARD TWO.

Corner Main and Lee streets.
" Main and Hancock streets.
On Moore, head of Hastings street.
Corner Washington and Clark streets.
" Harvard and Clark streets.
On Norfolk street, head of Washington street.
On Essex street, westerly side, midway between Harvard and Austin streets.
On Cambridge street, north side, near junction of Hampshire and Cambridge streets.
On Main, opposite Pleasant street.
Corner Main and Essex streets.
" Windsor and Lincoln streets.
" Windsor and Hampshire streets.
On Cambridge street, cor. Willow Place.
On Cambridge street, opposite the head of Maple Place.
Corner Broadway and Davis street.
" Harvard and Dana streets.
" Harvard and Hancock streets.
" Columbia and Washington streets.
On Prospect street, near L. Valentine's.
Corner Prospect street and Broadway.
" Prospect and Hampshire streets.
" Norfolk and Hampshire streets.
On Tremont street, near Wellington's House.
Main, corner of Dock street.
Corner Market and Union streets.

LOCATED IN WARD THREE.

Corner Cambridge and Sixth streets.
" Cambridge and Third streets.
Junction Cambridge and Bridge streets.
On Cambridge street, opposite Wellington's counting-room.
On North street, near Glass Co.'s cutting shop.
On Bridge street, south side, opposite the head of Water street.
Corner Third and Vine streets.
Corner Cambridge st. and Franklin Alley.
" Fifth and Gore streets.
" Second and Otis streets.
On Bridge street, opposite the Bay State Glass House.
Corner Otis and Seventh streets.
" Thorndike and Sixth streets.
" Thorndike and Fifth streets.
" Gore and Fourth streets.
" Spring and Fourth streets.

LOCATED IN WARD FOUR.

Corner Main and Columbia streets.
Near Junction of Main and Austin streets.
Corner Main and Windsor streets.
Junction of Front and State streets.
On Washington street, near east end.
On Main street, opp. Brooks' Buildings.
On River, opposite Cottage street.
On River, opposite Harrison Avenue.
Corner W. Avenue and Jay street.
Corner River and Franklin streets.
" Pearl and Cottage streets.
" Pearl and Auburn streets.
" Brookline and Franklin streets.
On Main street, opposite John Livermore's house.
Foot of School street.
Magazine, near Short street.
Corner Main and Norfolk streets.

LOCATED IN WARD FIVE.

Between the rails of railroad track, opposite office door.

FIRES AND ALARMS FROM DECEMBER 18, 1862, TO DECEMBER 18, 1863.

Date.	Owner or Occupant.	Description.	Situation.	Loss.	Insurance.	Causes.
1863.						
Jan'ry 13	Vickery & Marvin,	Carpenter's shop,	Cor. Harvard and Essex sts.,	$400	$200	Unknown.
" 23	Stillman Pierce,	" "	Rear Brookline Street,	350		"
" 23	Lyman Kinsley,	Iron Foundry,	Main Street,	Trifling.		Spark from furnace.
Feb'y 4		Alarm,				Ringing of Lee St. Church Bell, for meeting.
March 19	Kinsman Atkinson,	Dwelling-house,	Appian Way,	Trifling.		Stove in contact with wood-work.
" 28		Alarm,	Brighton,			Fire in Brighton.
April 9		Straw in tenement-house,	Broadway,			Children playing with matches.
" 17	William R. Waterman,	Bed in dwelling-house,	Short Street,			Smoking pipe on bed.
" 22	Joel Robinson,	Blacksmith's shop,	Gore Street,	2,800	1,700	Unknown.
" 22	P. S. Hudson & Co.,	Inkstand manufactory,	In Robinson's Building,	2,000	1,800	
" 22	Ephraim Daniels,	Hoop-skirt manufactory.	" " "	2,000		
" 27		Alarm,	Brighton,			Fire in Brighton.
May 5	Hugh McElroy,	Dwelling-house,	Charles Street,	Trifling.		Supposed defect in chimney.
" 11		Alarm,	Charlestown,			Fire in Charlestown.
" 16	Patrick Quin,	Dwelling-house,	Fourth Street,	420	420	Stove-pipe in contact with wood-work.
" 16	Jared Shepard,	"	Spring Street,	150	150	Spark from fire of Quin's building.
" 23	Chaffee & Co.,	Charcoal shed,	Bridge Street,	Trifling.		Sparks from locomotive.
" 27	Walter Welch,	Rubbish in unoccupied house,	East Street,	"		Probably by boys at play.
" 28		Alarm,				Light in building supposed to be unoccupied.
June 10	Edwin L. Waitt,	Cement Factory,	Main Street,	Trifling.		Composition took fire.
" 17	Margaret Williams,	Dwelling-house,	Brattle Street,	"		Children playing with fire crackers.
" 19	Walter Welch,	"	East Street,	"		Sparks from locomotive.
July 1	Dennis Coffee,	Pig-sty,	Rogers' Wharf,	"		Unknown.
" 3	E. L. Sanderson,	Pyrotechnic works,	Charles Street,	"		Explosion of rocket by friction.
" 17	Dr. S. Plympton,	Dwelling-house,	Brighton Street,	"		Struck by lightning.
" 17	Mrs. M. W. Cleveland,	"	" "	"		" " "
Aug. 7	Griffin & Dolan,	Soap factory,	Rear Brookline Street,	1,900	650	Unknown.
" 20		Alarm,	Watertown,			Fire in Watertown.
Sept. 3	John O'Connell,	Ropewalk,	Near old Race Course,	700	700	Incendiary.
" 7		Lumber,	" Fresh Pond,			Sparks from locomotive.
" 15		Brimmer Block,	Harvard Street,			Explosion of fluid lamp.
Oct. 5	Francis Draper,	Shed,	Foot of Thorndike Street,			Spontaneous combustion.
" 27	Thurston, Hall & Co.,	Cracker bakery,	Cambridge Street,	1,100	1,100	Wood took fire from furnace.
Nov. 2		Alarm,	Somerville,			Burning of Somerville Bleachery.
" 2	George Stevens,	Organ factory,	Corner Fifth and Otis sts.,	3,500	1,200	Incendiary.
" 6		Barrel of shavings,	Rear Welch's Block,			Barrel shavings fired by children.
" 6		Alarm,	Charlestown,			Fire in Charlestown.
" 13		"	"			" " "
" 30		Roofing composition,	Cambridge Street,			Roofing composition took fire.
Dec. 3	Isaac Seaver,	Dwelling-house,	Seventh Street,	120	120	Accidental.
				$15,440	$8,040	

RECAPITULATION.

Number of Engineers,		5
" " Members,		186
" " Fire Police,		4
" " Steam Fire Engines,		2
" " Hand " "		6
" " Horses,		6
" " Horse Hose Carriages,		2
" " Hand " "		7
" " Feet of Suction Hose,		202
" " Buckets,		31
" " Pipes,		11
" " Axes,		13
" " Feet of Leading Hose,		6,240
" " Hook and Ladder Carriages,		1
" " Ladders,		16
" " Large Hooks with chain and rope attached,		5
" " Hand Hooks with poles,		4
" " Crotch Poles,		6
" " Fire Rakes,		4
" " Pitch Forks,		7
" " Fire Hats,		61
" " Reservoirs,		66
" " Hydrants,		83
" " Alarms from Fires in City,	23	
" " " " " out of City,	7	
" " " " other causes,	6	
		36
Loss on Buildings and Stock,		$15,440
Insurance " " "		8,040

REPORT

OF

GEORGE W. FIFIELD,

SUPERINTENDENT OF STREETS AND OF DRAINS.

CITY OF CAMBRIDGE, December 30, 1863.

To the Honorable City Council:

THE undersigned asks leave to submit his Sixth Annual

REPORT.

ROADS AND SIDEWALKS.

The appropriation for roads and sidewalks, for the financial year ending November 30, 1863, was	$25,000.00
Expended, ...	20,144.99
Balance unexpended, ...	$4,855.01

The past winter being unfavorable for the teaming of gravel from Belmont, but very little was accomplished, consequently we were destitute of material for distribution in the early spring, when it was very much needed, on account of the previous open winter, and it would seem as though the experience of the past year would be sufficient to induce the City Council to ascertain whether any portion of the material for the repairs of streets and sidewalks can be obtained in any locality more convenient of access.

The teaming of gravel from Belmont has been continued at inter-

vals through the summer, and about nine thousand yards distributed upon the streets, aside from what has been drawn by the City carts.

Very little has been done the past season under the act of the last Legislature in relation to sidewalks, mainly on account of the high price and scarcity of materials; but it is believed that property holders generally are both ready and willing to comply with its provisions, and I would suggest the propriety of making provision for purchasing a supply of curbstone, and also of flagging for crosswalks, in order that private parties may be able to obtain them at the least possible cost.

The regular force employed at this time upon the streets is twenty-eight men, and twelve horses; the men are employed by the month, and, in order to make all their time available to the City, additional shed room is required at the City yard, where the men can labor at breaking stones in stormy weather.

PAVING.

The appropriation for paving, for the financial year ending November 30, 1863, was	$1,000.00
Expended, ...	982.49
Balance unexpended, ...	$17.51

About five thousand seven hundred feet of new curbstone have been set the past season, besides resetting a considerable amount of old ones, and gutters have been paved in connection with the same; more cross-walks have been laid than in any one of the preceding six years. A very considerable portion of the expense of the above has been charged to the appropriation for roads and sidewalks.

It would seem as though true economy would require that a liberal appropriation should be made for paving, as I think it can be shown that the Main street, and Cambridge street, can be paved at less cost than they can be kept in good repair for five years in any other way.

BRIDGES.

The appropriation for Bridges, for the financial year ending November 30, 1863, was	$6,500.00
Expended, ...	4,032.31
Balance unexpended, ...	$2,467.69

More than one-half of the above expenditure was for a balance unpaid the previous year for rebuilding the Great Bridge. The bridges are all in good condition, and it is believed that but a moderate expenditure will be required the coming year.

WEST BOSTON AND CANAL BRIDGES.

The appropriation for the above Bridges, for the financial year ending November 30, 1863, was . .	$6.000.00
Expended, ...	4,981.65
Balance unexpended, ...	$1,018.35

The above is the largest expenditure that has been made in any one year since the bridges became free; but an increased expenditure became necessary in order to repave a portion of the carriage way, and all the sidewalks, besides quite an outlay upon the draw.

It is believed that the expenses for a year to come will be very moderate.

Cash received and paid Treasurer, ...	$100.00

SCHEDULE OF PERSONAL PROPERTY BELONGING TO THE STREET DEPARTMENT.

Twelve horses, ...	$2,400.00
Twelve cart harnesses, ...	250.00
Eight carts, ...	550.00
Three sleds, ...	225.00
One stone roller, ...	50.00
One plough, ...	15.00
Seven snow ploughs, ...	56.00
Utensils for work on streets and drains, . . .	200.00
Stable furniture, &c., ...	50.00
	$3,796.00

Respectfully submitted,

GEO. W. FIFIELD,

Superintendent of Streets.

RESERVOIRS AND DRAINS.

The appropriation for the above purposes for the financial year ending November 30, 1863, was . .	$4,000.00
Additional, ...	1,500.00
Total appropriation, ...	$5,500.00
Expended, ...	5,380.86
Balance unexpended, ...	$119.14

The following is a list of the Drains constructed the past season, with their length, capacity, and cost.

MAIN STREET DRAIN.

622 feet long; size 16×18 inches; 8 feet deep at terminus. Cost, ...	$666.88

HARVARD STREET DRAIN.

414 feet long; size 14×15 inches; 6 feet deep at terminus. Cost, ...	260.74

GARDEN AND SHEPARD STREET DRAIN.

2,272 feet long; size in Garden Street, 24×30 inches, size in Shepard Street, 17×19 inches; 6 feet deep at terminus. Cost, ...	2,283.46

ELM STREET DRAIN.

1,114 feet long; size 17×19 inches; 8 feet deep at terminus. Cost, ...	1,070.89

HARVARD AND CLINTON STREET DRAIN.

1,072 feet long; size 16×18 inches; 7 feet deep at terminus. Cost, ...	979.68
Total cost of new Drains, ...	$5,261.65

Amount brought forward,	$5,261.65
Deduct for covering stone furnished from City Ledge,	868.27
Total drawn from Treasury for new Drains, .	$4,393.38
Expended on Drains previously constructed, and on Reservoirs, ...	987.48
Total expenditure, ...	$5,380.86

In addition to the above there have been built the past season by private parties, the City furnishing the covering stone for the same, —

	450	feet	of	drain	in	Trowbridge	Street;	size	14×14 inches.
	330	"	"	"	"	Prescott	"	"	14×14 "
	460	"	"	"	"	Hamilton	"	"	14×14 "
	793	"	"	"	"	Dana	"	"	14×14 "
	370	"	"	"	"	Green	"	"	14×14 "
	500	"	"	"	"	Union	"	"	14×14 "
	707	"	"	"	"	Avon	"	"	16×18 "
	400	"	"	"	"	Norton	"	"	14×14 "
About	300	"	"	"	"	Passage way leading from Broadway to West Street.		"	14×14 "
	443	feet	of	drain	in	Holyoke	Street,	"	14×14 "

Respectfully submitted,

GEO. W. FIFIELD,

Superintendent of Drains.

REPORT

OF

THE CHIEF OF POLICE.

To the Honorable the Mayor and Aldermen of the City of Cambridge:

Gentlemen, — In obedience to the regulations of the City, I have the honor to present my Annual Police Report, giving a brief view of the labors of the Department for the year ending December 31, 1863.

The City is divided into three Police Districts; — the First includes the First and Fifth Wards, and has a principal Constable, six night-men, and one day-man in the Fifth Ward; the Second includes that part of Ward Two south-west of Hampshire Street, and all of Ward Four, and has a principal Constable and six night-men; the Third includes that part of Ward Two north-east of Hampshire Street, with all of Ward Three, and has a principal Constable, one day and four night-men, making twenty-one men as the regular Police force of the City, and arrangements have been made to have a day-man in the Second District the coming year. I have reason to believe that the officers have generally done their duty, faithfully and to the best of their ability, and, I hope, to the satisfaction of those whose servants they are. The principal Constables, who have charge of the Police in their several districts, have been appointed Constables in past years, and required to give bonds for the service of civil precepts, which is supposed to be an extra compensation for their services above the other Policemen. Although it is necessary to have officers for this purpose, I think it would be much better to appoint them outside of the regular force, and give the principal Constables more pay for their services, rather than have them spend their time in the service of civil precepts. They are obliged by law to serve them, at any

time when called upon, let their Police business be what it may; and I know it has taken more of my time than was for the interest of the City, and I have no doubt it has been the same with the other officers. My view of the matter is, that a Police officer should have no other business to interfere with his regular duties as a Police officer.

The earnings of the Police by the service of warrants in criminal cases, and their witness fees in such cases, have amounted in the past year to $1,879.00, which is paid into the City Treasury.

Whole number of arrests the past year, ... 1,080

CAUSES OF ARREST.

Drunkenness,	494
Assault, and assault and battery,	122
Larceny, and larceny in buildings,	85
Violation of City Ordinances,	55
Disturbing the public peace,	53
Common drunkards,	52
Violation of Liquor Law,	33
Vagrancy,	33
Malicious mischief,	31
Surety of the peace,	23
Trespass in gardens,	12
Truancy,	20
Insanity,	11
Idle and disorderly persons,	11
Stealing ride,	8
Assaults on officers,	6
Violation of dog law,	5
Night walking,	4
Fornication,	3
Bastardy process,	3
Lewdness,	3
Burglary,	3
Felonious assault,	2
Receiving stolen goods,	2
Refusing to pay fare on Railroad,	1
Keeping disorderly house,	1
Disturbing public school,	1
Armed with deadly weapon,	1

Violation of Sunday law,	1
Rescuing cattle from field driver,	1

The above arrests were disposed of in the following manner:

Discharged from Stations without complaint,	403
Fined and paid,	211
Committed to House of Correction for non-payment of fines,	149
Placed on file,	81
Sentenced to House of Correction,	71
Sentenced to Work-house,	33
Fined and appealed,	33
Discharged by Court,	28
Sent to Grand Jury,	24
Gave bonds to keep the peace,	12
Committed to State Lunatic Hospital,	11
Committed to House of Correction for not giving bonds to keep the peace,	7
Sentenced to Jail,	4
Discharged by disclosing in liquor cases,	4
Sentenced to Nautical Branch of State Reform School,	3
Sentenced to State Reform School,	2
Sentenced to Industrial School for girls,	2
Complaint discharged by marriage,	2

Number provided with food and lodging,	582

There has been a slight decrease of crime in the City the past, as compared with former years, and a constant increase of crime by juveniles, from year to year. About one-fifth of all the crimes committed in the City the past year were by minors. I know of no reason for it, except the want of proper moral instruction, which the Police cannot be expected to give; therefore the remedy is beyond their reach.

The undersigned would respectfully call the attention of the City Council to the want of a proper school for truants. We have a good school at the Almshouse where truants are now sentenced, but the Warden has no means of confining them there. The consequence is, that they leave in a very short time after being committed, and are back and about the streets as before. The officers take and return them to school again, and as soon as the Warden's back is turned, they are off again; it being impossible for him to keep them

there with his present facilities, as he is obliged to let them go about the farm with other boys. When out of school, neither he nor his assistants can keep their eyes upon them all the time. These facts are known to all the boys in the City, therefore the Truant Officers can do but very little toward keeping such boys in school, as they know all the officer can do is to take them to Court and get them sentenced to the school at the Almshouse. This they rather like than otherwise, as they get a free ride at the expense of the City. If we had a place where they could be kept during the term for which they were sentenced, the Truant Officers could enforce the law, and we should not have one case of truancy where we now have ten. As it is now, the law is entirely ineffective, and does not answer the purpose for which it was intended.

Respectfully submitted,

JOSEPH SANDERSON,
Chief of Police.

CITY OF CAMBRIDGE.

In Board of Aldermen, December 30, 1863.

Accepted, and ordered to be printed. Sent down for concurrence.

Attest: JUSTIN A. JACOBS, *City Clerk.*

In Common Council, December 30, 1863.

Concurred.

Attest: JOS. G. HOLT, *Clerk.*

REPORT

OF

ROLAND LITCHFIELD, JR.,

SUPERINTENDENT OF LAMPS.

To his Honor the Mayor and Board of Aldermen of the City of Cambridge:

GENTLEMEN, — I herewith submit a Report of the number and condition of the Street Lamps, and of the Lamps on West Boston and Canal Bridges, with an exhibit of the expenses of the Lamp Department during the past financial year.

STREET LAMPS.

The number of Street Lamps is as follows:

District One,	. .	158	Gas,	. .	3	Fluid.	
" Two,	.	167	"	. .	30	"	
" Three,	.	38	"	. . .	34	"	
		363	"		67	"	Total, . . 430

Thirty-three (33) of the above were added during the past year.

The expenses of the street lamps for the past year were as follows:

For Gas,	$5,547.16
" Excise duty,	220.84
" Fixtures and repairs,	479.94
" Lighting,	1,871.26
" Fluid,	210.81
" Naphtha and oil,	298.20
" Matches and wicking,	6.95
" Glass,	121.83
" Salary of Superintendent,	200.00
Total,	$8,956.99

The actual cost of the gas used was $4,747.41, and the excise duty on the same was $188.86, but the two bills for gas of October and November of 1862, amounting to $831.73, which should have been paid out of that appropriation, were not paid until January of this year, because they were referred to a Committee, which did not report in season to have them appear in that account.

Three men are employed to light the lamps, and keep the lanterns clean, and they are paid thirty-seven and a half cents per month for each lamp.

The average cost through the year for each lamp burning gas was five cents and eight mills per night; and the average cost of each lamp burning fluid, naphtha, or oil, was three cents and two mills per night.

BRIDGE LAMPS.

The number of lamps used on West Boston Bridge is	20
and on Canal Bridge,	16
Total,	36

The expenses of the lamps during the year were as follows:

For Fluid,	$176.72
" Naphtha and oil,	168.89
" Fixtures and repairs,	19.43
" Lighting,	163.00
Total,	$528.04

The same men are employed that tend the draws.

Fluid, oil, and naphtha have been used, and the average cost was three cents and seven mills per night for each lamp.

The posts, lamps, and fixtures are in good condition.

All of which is respectfully submitted.

ROLAND LITCHFIELD, Jr.,

Superintendent of Lamps.

Cambridge, December 1, 1863.

CITY OF CAMBRIDGE.

In Board of Aldermen, December 23, 1863.

Accepted and ordered to be printed with the next City Documents.

Sent down for concurrence.

Attest: JUSTIN A. JACOBS, *City Clerk.*

In Common Council, December 30, 1863.

Concurred.

Attest: JOS. G. HOLT, *Clerk.*

REPORT

OF

THE TRUSTEES OF THE DANA LIBRARY.

The Trustees of the Dana Library submit to the City Council their sixth annual Report.

During the year ending November 30, 1863, one hundred and twenty-eight bound volumes have been added to the Library, of which one hundred and twelve have been by purchase, fifteen presented by George Livermore, Esq., and one by Charles H. Appleton, Esq. There have also been added twenty-seven numbers of "Notes and Queries," by purchase, and six pamphlets have been presented by various individuals.

The Library, at the present time, contains two thousand six hundred and thirty (2,630) bound volumes, together with a considerable collection of pamphlets.

Eight thousand six hundred and eighty-two volumes have been given out during the year, showing an average of 167 per week — an increase over the number taken out in 1862, of nine hundred and eighty-three volumes.

There has also been a gratifying increase in the amount received from subscriptions — an excess of eighty per cent. over the year previous, furnishing the pleasing evidence that while so many of our young men are perilling their lives in the field and upon the sea, for the preservation of our beloved country and its cherished institutions, — while an unusual activity prevails in all our industrial pursuits at home, — yet, with all these exciting questions to draw the attention from the cultivation of literature, our community has not neglected nor been unmindful of the great value and importance of

its educational privileges, but has given the Library an increased support, and drawn liberally from its priceless resources.

A large and convenient book-case has been added the past year, sufficient for the increasing wants of the Library for some time to come, unless there should be a considerable increase in the annual receipts devoted to the purchase of books.

The suit at law in relation to the Dana bequest of $15,000, has been argued before the judges, and the Trustees indulged the hope of a favorable decision before the end of the present municipal year, but the "law's delay" has proved no exception in this instance, and the case as yet remains undecided.

The need of suitable printed catalogues of the Library has long been felt, and the subject, early in the year, was duly considered, and inquiries were made in relation to the style and cost of preparation. It was found that a publication would involve considerable expense, if made in proper form, which could only be justified by an increase of the annual funds of the Library, and it was deemed most advisable to defer the matter for this year, as the suit before referred to would, from the present state of the case, ere long, be decided.

The appropriation for the year ending November 30, 1863, was		$570.29
The expenditures for the same time have been		
For Librarian's salary, ...	$150.00	
" Book-case, ...	160.00	
" Binding books, ...	11.50	
" Purchase of books, ...	83.96	
" Newspapers and postage, . . .	1.44	
" Gas-pipes for case, ...	5.57	
		$412.47
Showing an unexpended balance of . . .		$157.82

There has been received and paid into the City Treasury, during the year ending November 30, 1863, the sum of two hundred and forty-one dollars and ten cents ($241.10) from subscriptions and fines.

It will be necessary, therefore, for the City Council to make, for the financial year ending November 30, 1864, an appropriation of six hundred and ninety-eight dollars and ninety-two cents for the Dana Library, that being the aggregate amount of

Balance unexpended to November 30, 1863,	$157.82
Subscriptions and fines paid into the City Treasury, during the year 1863,	241.10
Yearly appropriation by the City, agreeably to the Trust establishing the Library,	300.00
Total,	$698.92

All of which is respectfully submitted.

GEO. C. RICHARDSON,
GEO. H. FOLGER,
GEO. P. CARTER,
GEORGE LIVERMORE,
W. W. WELLINGTON,
ANSON HOOKER,
} *Trustees of the Dana Library.*

CITY OF CAMBRIDGE.

In Board of Aldermen, December 23, 1863.

Accepted and ordered to be printed with the next City Documents. Sent down for concurrence.

Attest: JUSTIN A. JACOBS, *City Clerk.*

In Common Council, December 30, 1863.

Concurred.

Attest: JOS. G. HOLT, *Clerk.*

REPORT

OF THE

TRUSTEES OF THE DOWSE INSTITUTE.

To the Honorable City Council of Cambridge:

The Board of Trustees of the Dowse Institute respectfully Report:

The fifth course of Lectures at the City Hall commenced on Tuesday, November 11, 1862, and was given by the following persons: — Horace Greeley, Jos. P. Thompson, L. Agassiz, R. C. Waterston, R. W. Emerson, Edmund H. Sears, George W. Curtis, and Mason Jones.

One evening was devoted to Readings and Recitations by Mr. and Mrs. E. L. Davenport, and one evening to a Concert by the Mendelssohn Quintette Club.

The tickets for the course, the present season, were distributed in the usual manner. Three thousand eight hundred and thirteen names were registered, and persons holding numbers divisible by 14, received each two tickets, upon the payment of fifty cents per ticket.

The want of a large hall is becoming more pressing each year: the Trustees, however, have no means at their disposal of supplying this want.

The annual Report of the Treasurer, presented August 10, 1863, a copy of which is herewith transmitted, contains an exact statement of the receipts and expenditures.

The following is an abstract of said Report:

Dr.

To paid for lectures, concert, &c.,	$818.00
" " printing and advertising,	29.12
" " registering names, &c.,	20.75
" " care of hall, door-keepers, &c.,	47.75
" " stationery, telegrams, &c.,	6.00
" " sundries,	2.00
" balance to new account,	325.52
	$1,249.14

Cr.

By balance brought forward,	$65.14
" sale of tickets,	284.00
" interest on Dowse fund,	900.00
	$1,249.14

All which is respectfully submitted.

CHARLES DEANE,
JOHN C. DODGE,
GEO. C. RICHARDSON,
GEO. S. SAUNDERS,
W. W. WELLINGTON,
Board of Trustees.

CAMBRIDGE, December 29, 1863.

CITY OF CAMBRIDGE.

In Board of Aldermen, December 30, 1863.

Accepted and ordered to be printed with the next City Documents. Sent down for concurrence.

Attest: JUSTIN A. JACOBS, *City Clerk.*

In Common Council, December 30, 1863.

Concurred.

Attest: JOS. G. HOLT, *Clerk.*

REPORT

OF

THE SCHOOL COMMITTEE

FOR THE MUNICIPAL YEAR ENDING JANUARY, 1864.

It is pleasant to begin this Report with the consciousness that one of the subjects which have for some years past weighed heavily upon the minds of the overseers of the public Schools of Cambridge has been finally disposed of, and disposed of in the only way which could discharge the School Committee of the task of reiterating the remonstrances and appeals of former years. The City Government, in the course of the past year, yielding to accumulating convictions of duty, decided that a new High School-house should be built. Having once come to this decision, they acted with a liberality which in such a case was the only true wisdom. The School Committee, the master of the High School and his assistant, and others who had taken an interest in this matter, were invited to study the plans, and to suggest defects and improvements, and it will not be the fault of those who are charged with the spending of the public money, if the new building fails to give satisfaction in size, arrangement, and appointments. But one thing remained to wish, and that was a location at the *summit* instead of the *foot* of the hill. An apprehension that a measure of such pressing necessity might fail when at the very point of success forbade the Committee to insist pertinaciously on a question of secondary importance. It is a matter of common observation that a habit

of giving away money is formed like other habits, and that those who have most frequently contributed to useful and benevolent enterprises are the very men to go to when more money is wanted. It was perhaps for this reason that the great expenses imposed by the war did not prevent the City Government from undertaking that costly building which in times of peace seemed too great a burden for our treasury. It subtracts nothing from their generosity that our finances have been so skilfully managed during the past year, that the large appropriation made for the High School will not be sensibly felt.

The reasons which made this new School-house necessary were fully set forth by the School Committee a year ago. We require a school which shall furnish an advanced education to girls and boys. We also need a Classical School to prepare boys for college. Until the past year the arrangements of our High School have been such as to sacrifice, to a certain degree, the interests of the many who do not go to college, to those of the few who do. This manifest absurdity could not be entirely removed until a building was furnished, large enough not only to hold the pupils bodily (though the present building is not large enough even for that), but also to admit of a proper distribution of the various classes in separate rooms. It is not meant, of course, that the evils in the former arrangement of the High School would *correct themselves*, if ample accommodations were afforded. There was a defect in the *system*, and the attention of the School Committee has this year, as before, been occupied with a consideration of the reforms and improvements required.

During the year a plan was digested and adopted by which the College course is separated from the High School course, except in those particulars in which the studies of both are necessarily coincident. Whatever may be the general opinion, now or hereafter, as to the judiciousness of the plan of study laid down in the High School course, it can no longer be said that it is made subordinate to the College course. It embraces no more than, in the opinion of the Committee, it is desirable for all children to study whose worldly circumstances permit them to remain at school the necessary time. Some will object to Latin and French, some will object to the Physical

Sciences. Some will say that girls need to be "prepared for domestic life," and some that boys should be "prepared for business." Fortunately, the greater part of our people are capable of understanding that a high cultivation of the mind and taste, and a moderate acquaintance with Science, History, and the two most useful foreign languages, *do* eminently fit men and women to perform their part in life, "justly, skilfully, and magnanimously," and with more pleasure and advantage to themselves and to the world. But while almost all admit the general proposition, not a few will seek to neutralize all its potency by objecting to the *parts* of a liberal scheme of education. This or that study, it is said, has no special relation to a young person's proposed career. Opinions, indeed, are various as to the comparative advantages to be derived from the study of Languages, for instance, or of the Physical Sciences. But it is clear, that neither the children who are the subjects of education, nor for the most part their parents, are competent to adjudge such questions.

Considerable trouble is occasioned to the High School Committee and Teachers by frequent applications for an excuse from some part of the prescribed course. When such applications have been grounded on health so feeble or delicate as to require indulgence, a remission has been granted, though not without a physician's certificate to the necessity. But such reasons as a want of taste for a particular branch, or its inutility in that line of life which a pupil expects to follow, can never be admitted; because, nothing is put into the course which requires a peculiar taste, and because the preparation for life at which we aim is a general and not a special one. It has been the wish of the School Committee to devise a scheme of study for the High School which shall be truly liberal, without very much transcending the wants that are *felt* by the people, and one which shall be rational both in the choice and the order of the studies. The working of the plan will undoubtedly suggest alterations. To derive much benefit from the High School course, the pupils should remain three years. No plan can be contrived by which those who want only one or two years of higher education can study those branches which would be most useful to them; unless we sacrifice those who seek a more thorough training. The course of the fourth year will especially

answer the wants of those who intend to become Teachers, though not devised for them alone.

The utility of our High School might be greatly increased if the children could enter at an earlier age, the boys especially. Boys who are not intended for college grow restless when they approach the age of seventeen, and many think that by that time a boy *must* begin the business he is to follow. Our Grammar School course really embraces no more than every citizen who has the privilege of voting should know, however humble his calling or place in society. It would seem that boys of moderate intelligence might complete it at the age of twelve. If this were done, a great many more would be willing to go into the High School, and a larger proportion of these would remain for three or even four years. We desire to call the attention of the Grammar School masters to this subject, and to suggest it as a matter of praiseworthy emulation that they shall strive to send as many pupils as possible to the High School, and to send boys as young as twelve or thirteen. Perhaps the obstacle which has hitherto been in the way has been the bad classification of the Lower Schools, — the cumbrous system which has kept the children in a school a year or more behind their real advancement and ability.

And here we are glad to say that the reform in this matter which was suggested in the last Annual Report has been attempted. The grades of the Lower Schools have been reduced from four to two, by consolidating the Middle Schools with the Grammar Schools, and the Alphabet with the Primary. By this arrangement it is hoped that much time will be saved, and it is certain that none can be lost, as before was done, in passing from the first to the second grade, and from the third to the fourth. But to secure all the improvement that is desired, it is necessary that all the scholars should be promoted as rapidly as possible, and that the brighter ones should never be allowed, still less compelled, to wait for the regular promotion of the class. If the teachers are made to understand that their success will be estimated more by the number of the promotions which have been made from their classes than by the appearance of those who are left on Examination-Day, they will be encouraged to urge their pupils on faster. And by urging we mean no injurious pressure. A brisk and

lively march, straight onward, is much healthier for the children than dull lagging, with much repetition of a too familiar round which has nothing to task the mind or stimulate the curiosity. It is to be feared that bad habits of inattention have often been formed in the Lower Schools, and perhaps a total disgust for study conceived, when the children have been kept back from promotion, — an evil greater than the mere loss of time.

Besides reducing the number of grades in the inferior schools, the Committee have introduced a uniform classification, dividing all the Grammar Schools into six classes, and the Primary into four besides the Alphabet Class. For each class in both schools they have prescribed a definite course of study, so that henceforth the degree of advancement of the children in any class will be nearly the same at the same time in all the schools.

With respect to the Primary Schools, the subject that now most requires attention is the insufficient accommodation provided for them. In not a few cases these schools are extremely crowded; the children have, for want of other places, been obliged to sit in the windows, and on the teacher's platform, and the number has been much too large to admit of good management. The High School being provided for, no expensive School-house will be required for a considerable time. But not a few Primary School-houses will be required during the ensuing year. It is suggested that these should be of a uniform plan, should be adapted for not more than eighty children, under a single teacher, and should be distributed over the City with careful reference to the wants of the population. The youngest children should obviously have their school nearest to their home. Many evils arise when the Primary Schools are established under the same roof as the Grammar Schools. The young children frequently receive very rough treatment from the larger boys, and a great deal of time is lost or spoiled by the noise made during the times of recess, which cannot be the same for all the children in the building. As the Grammar Schools increase it will be wise to withdraw such Primary Schools as may now be in connection with them, and to transfer them to separate buildings. But a few model Primary School-houses should be immediately built, to receive the overflowings of those

schools which are most crowded. The expense of all which will be required this coming year will not be so large as to grieve the most unwilling tax-payer.

A very slight addition to the cost of maintaining the schools will be occasioned by an increase in the salaries of the teachers, which has been made necessary by the advance in the prices of the necessities of life. The salaries of our teachers must be regarded as on the whole low for times of *low* prices; but the increased cost of provisions, fuel, and clothing, has made them altogether insufficient for comfortable present support, not to speak of saving for the future. It is true that our teachers ought to bear their part in the burden and sacrifices attending the war, but there is some limit both to what they ought to bear and can bear, and that part of the community who demand a large increase of pay for their goods or their labor, should be the last to complain if the public authorities come to the aid of those who are precluded from righting themselves. A very moderate increase in the pay of most of our teachers has therefore been made; by no means so much as they might without unreasonableness lay claim to, but sufficient to afford them some relief.

The discipline of our schools is on the whole satisfactory, and it is on the whole maintained by wise and gentle means. This is a matter in which precise positive regulations cannot be laid down for the teachers. Certain things may be prohibited, certain things may be put in the class of rare and exceptional expedients. Corporal punishment is of the latter kind — some would say of the other. By a new regulation, our teachers are required, when they think it necessary to resort to this means of control, "to make and preserve a statement in writing of the nature of the offence and the severity of the punishment," and this statement is subject to the inspection of the Sub-Committee of the school. This measure was adopted quite as much for the protection of the teachers as for that of the scholars. Vague and extravagant complaints have been sometimes made by parents, which it is for the interest of the teachers to be able to refute by a definite sort of evidence. Many parents who are not accustomed to govern their children at all, cry out against a slight whipping as an outrage; others make no resistance, and are content with calling

corporal punishment barbarous. To speak frankly upon this subject is hardly safe. It is granted that whipping is altogether wrong as a discipline for girls, and should be resorted to with boys only as a last resource. To go further is to fall into sentimentalism and folly. How shall a frequent and stubborn offender be managed? We suppose persuasion to have been exhausted, we suppose him hardened to shame. Some say, send him to his parents for discipline. That is frequently of no avail. Shall we then expel him from the school? But perhaps he is indifferent to the school, or would be glad to be free from it. At any rate *schooling* is exactly what he most needs, and, unless he is corrupting other pupils, he should not hastily be consigned to hopeless ignorance and bad ways. Many speak as severely against the punishment of "keeping after school" as of whipping itself; and certainly it is sheer injustice to require a teacher to give up his time for this purpose; and bad policy besides, since the regular duties are exhausting enough, and some refreshment must be had. Considering all this, who will say that a kind of punishment which is the only effectual one in some cases, should be absolutely forbidden? Let the punishment be private, let it be so moderate that the pain shall soon be over, let it never be inflicted in anger, and, as a matter *of course*, let it be avoided when avoided it can be. That is as far as with our present light we are prepared to go.

We regret very much to be obliged to say, that some few of our teachers have shown that they require the regulation we are discussing, as a check, by the way in which they have evaded it. Giving to corporal punishment the narrow sense of whipping, they have resorted to other much more painful forms of discipline, some of them, if report says true, absolutely cruel. We take this occasion to say that no such punishments, and no such teachers, will be tolerated in our schools. If it has been through fear of the Committee that they have done this, they have made a double mistake. They require to be forewarned of other things that they should fear, and they certainly cannot escape the censure of the Committee.

An overstrained concern about the opinion of the School Committee gives rise to many evils. It is perhaps a little odd that the inspectors and examiners of the schools should have to admonish the teachers

not to have too much regard to their judgment; but as long as teachers hold their offices by an annual election, such a warning will not be out of place. We repeat the exhortation so often given before, — let not the teachers think so much of Examination-Day as of their *every-day* work; let them attend to that zealously and faithfully, and they may safely abide the consequences. And we may perhaps profitably address a parallel admonition to one another, and to our successors, that a teacher's fidelity and capacity are less satisfactorily tested by a brilliant show at the Annual Examination, than by repeated observations made at informal visits.

GEO. C. RICHARDSON, *Chairman, ex officio.*

FRANCIS J. CHILD,
U. TRACY HOWE,
W. W. WELLINGTON,
CHARLES A. SKINNER,
HIRAM K. PERVEAR,
JOHN B. TAYLOR,
H. O. HOUGHTON,
SUMNER R. MASON,
WILLIAM CARRUTHERS,
J. A. SAWYER,

} *School Committee.*

TABULAR VIEW OF THE PUBLIC SCHOOLS OF CAMBRIDGE.

JANUARY 1, 1864.

NAME OF SCHOOL.	TEACHERS.	SALARY.	NO. OF SCHOLARS, JAN. 1, 1864.
High School,	Mr. W. J. Rolfe,	$1,800	218
	" W. F. Bradbury,	1,400	
	" Ferdinand Bocher,	200	
	Miss Mary F. Peirce,	550	
	" Rutharia Bates,	550	
	" Caroline Child,	500	
	" Lucy E. Shepard,	500	
Allston Grammar,	Mr. B. W. Roberts,	1,200	475
	Miss Matilda Morse,	375	
	" Esther M. Noyes,	375	
	" E. B. Winnett,	375	
	" M. M. Damon,	375	
	" H. L. Ladd,	325	
	" Sarah H. Page,	375	
	" Mary E. Andrews,	325	
	" S. J. Binney,	325	
	" Sarah M. Gray,	375	
Harvard "	Mr. A. B. Magoun,	1,200	275
	Miss Catharine Richardson,	375	
	" H. A. Dodge,	375	
	" A. H. Wellington,	375	
	" Mary E. Wyeth,	375	
	Mrs. Lydia S. King,	375	
Putnam "	Mr. Francis Cogswell,	1,200	260
	Miss S. M. Burnham,	375	
	" Adelaide E. Reed,	375	
	" A. B. Josselyn,	375	
	" Maria Spare,	375	
	" Frances E. Putnam,	325	
Shepard "	Mr. C. M. Dinsmoor,	1,200	189
	Miss B. T. Capen,	375	
	Mrs. L. P. Works,	375	
	Miss Abby E. Worcester,	375	
	" C. C. Whitaker,	375	
Thorndike "	Mr. R. H. Fletcher,	1,200	258
	Miss A. W. Averill,	375	
	" E. B. Dyer,	375	
	" M. A. Martin,	375	
	" A. C. Stewart,	375	
	" E. M. Taylor,	375	
Washington "	Mr. Daniel Mansfield,	1,200	328
	Miss L. A. Downing,	375	
	" E. R. Hyde,	375	
	" F. J. Reed,	325	
	" A. M. Ireson,	375	
	" C. P. Green,	375	
	" M. H. Clarence,	375	

NAME OF SCHOOL.	TEACHERS.	SALARY.	NO. OF SCHOLARS, JAN. 1, 1864.
Webster Grammar,	Mr. A. C. Smith,	1,200	415
	Miss E. K. Brackett,	375	
	" C. L. Bancroft,	375	
	" E. D. Fisher,	325	
	" Jane Dallinger,	375	
	" Abby M. Webb,	375	
	" A. H. Hill,	375	
	" L. D. Bullard,	375	
Allston Primary,	Miss S. J. A. Davis,	325	126
	" Mary L. Tower,	225	
Amory "	" Emeline Sparrow,	325	66
Boardman "	" F. J. Harrod,	325	68
Bridge "	" E. E. Dallinger,	325	70
Broadway "	Mrs. A. M. Harrod,	325	100
	Miss C. M. Brown,	250	
City "	" E. M. Valentine,	125	36
Craigie "	" H. A. Butler,	325	120
	" C. G. Kenniston,	250	
Dana "	" Isabel L. Barry,	325	125
	" Edith A. Barry,	225	
Dunster "	" S. B. Waitt,	325	126
	" Amelia Pasco,	225	
Eastern "	" M. A. Coburn,	325	136
	" F. E. Pendexter,	325	
Gannett "	" M. F. Emerson,	325	132
	" E. A. Willard,	250	
Harvard "	" F. A. Hyde,	325	79
Lechmere "	" M. E. Phillips,	300	84
Mason "	" C. C. Bowen,	325	114
	" Ada Bowen,	250	
Otis "	Mrs. Abby S. Taylor,	325	269
	Miss S. D. Mitchell,	325	
	" S. M. Pendexter,	300	
	" A. M. Merriam,	250	
Putnam "	" L. A. Draper,	325	78
Sargent "	" S. F. Kelley,	325	114
	" M. G. Kelley,	250	
Shepard "	" E. F. Banks,	325	197
	" L. T. Sawyer,	300	
	" E. A. Sawyer,	225	
Thorndike "	" M. H. Butler,	325	120
	" M. E. Burdakin,	250	
Washington "	" M. S. Gould,	325	265
	" A. E. Priest,	325	
	" S. A. White,	325	
	" M. A. Thomas,	250	
	" M. M. Webb,	225	
Webster "	" Ariadne Blish,	325	234
	" M. A. Tarbell,	325	
	" H. J. Maiers,	250	
	" M. E. Sawyer,	250	

TEACHER OF MUSIC, Mr. Nathan Lincoln, $1,000.

SUMMARY.

Number of pupils in High School,	218
" " Grammar Schools,	2,200
" " Primary Schools,	2,659
	5,077

Number of pupils in High School,	218
" " Old Cambridge,	733
" " Cambridgeport,	2,379
" " East Cambridge,	1,325
" " North Cambridge,	422
	5,077

COST OF INSTRUCTION.

High School,	$5,500	
Grammar Schools,	23,475	
Primary Schools,	12,450	
Music,	1,000	
	$42,425	

Number of pupils belonging to Public Schools, January 1, 1864,	5,077
" " " " " " 1863,	4,851
Increase during the year,	226

Increase of pupils, 1860,	272
" " 1861,	172
" " 1862,	262
" " 1863,	226

Number of Schools, 29 : Number of Teachers, 99.

Cost, per pupil, for instruction, $8.35.

GOVERNMENT

OF

THE CITY OF CAMBRIDGE.

1864.

MAYOR.

Z. L. RAYMOND.

ALDERMEN.

GEORGE P. CARTER,
CHARLES F. CHOATE,
SAMUEL W. DUDLEY,
GEORGE H. FOLGER,
JOHN LIVERMORE,
ARTHUR MERRILL,
JAMES R. MORSE,
EZRA PARMENTER,
FORDYCE M. STIMSON,
JOSEPH H. TYLER.

Aldermen, by Wards.

Ward 1, Aldermen Choate and Stimson.
" 2, " Dudley and Folger.
" 3, " Parmenter and Tyler.
" 4, " Carter and Livermore.
" 5, " Merrill and Morse.

COMMON COUNCIL.

GEORGE S. SAUNDERS, *President.*

Ward I.

FRANCIS C. FOSTER, GEORGE S. SAUNDERS,
JAMES H. WYETH.

Ward II.

SUMNER ALBEE, GEORGE B. LOTHROP,
MASON DAVIS, JOHN S. MARCH,
GEORGE G. RYDER.

Ward III.

WILLIAM BRINE, SAMUEL H. FOLSOM,
NATHANIEL P. BROOKS, JAMES M. PRICE,
WILLIAM DAILEY, CHARLES B. STEVENS.

Ward IV.

GEORGE L. CADE, AMOS C. SANBORN,
GEORGE E. RICHARDSON, JOHN S. SAWYER.

Ward V.

WILLIAM HUTCHINS, HENRY C. RAND.

Clerk.

JOSEPH G. HOLT.

CITY CLERK.

JUSTIN A. JACOBS.

CITY MESSENGER.

ROLAND LITCHFIELD, JR.

COMMITTEES OF THE CITY COUNCIL.

JOINT STANDING COMMITTEES.

On Finance.

The Mayor.

ALDERMEN.

George H. Folger,
Joseph H. Tyler.

COMMON COUNCIL.

The President,
George G. Ryder,
Francis C. Foster,
George E. Richardson,
John S. March,
Nathaniel P. Brooks.

On Public Instruction.

ALDERMEN.

Charles F. Choate,
James R. Morse.

COMMON COUNCIL.

The President,
Sumner Albee,
James M. Price,
Henry C. Rand.

On Ordinances.

ALDERMEN.

George H. Folger,
Joseph H. Tyler.

COMMON COUNCIL.

George E. Richardson,
Sumner Albee,
Samuel H. Folsom.

On Accounts.

ALDERMEN.

John Livermore,
George P. Carter.

COMMON COUNCIL.

John S. March,
Samuel H. Folsom,
George L. Cade.

On Public Property.

ALDERMEN.

Samuel W. Dudley,
Fordyce M. Stimson.

COMMON COUNCIL.

Amos C. Sanborn,
George B. Lothrop,
James M. Price.

On the Almshouse.

ALDERMEN.

George P. Carter,
Ezra Parmenter.

COMMON COUNCIL.

Charles B. Stevens,
George L. Cade,
James H. Wyeth.

On Roads and Bridges.

ALDERMEN.	COMMON COUNCIL.
Fordyce M. Stimson,	George L. Cade,
Samuel W. Dudley.	William Hutchins,
	William Dailey.

On Reservoirs and Drains.

ALDERMEN.	COMMON COUNCIL.
Ezra Parmenter,	Mason Davis,
Arthur Merrill.	Amos C. Sanborn,
	William Brine.

On Fuel.

ALDERMEN.	COMMON COUNCIL.
Arthur Merrill,	Nathaniel P. Brooks,
Samuel W. Dudley.	John S. Sawyer,
	George G. Ryder.

On Lamps.

ALDERMEN.	COMMON COUNCIL.
Joseph H. Tyler,	Henry C. Rand,
John Livermore.	William Brine,
	John S. Sawyer.

On Watering Streets.

ALDERMEN.	COMMON COUNCIL.
James R. Morse,	William Dailey,
Charles F. Choate.	James H. Wyeth,
	Mason Davis.

On Printing.

ALDERMAN.	COMMON COUNCIL.
George P. Carter.	Francis C. Foster,
	John S. March.

On the Fire Department.

	COMMON COUNCIL.
The MAYOR.	The President,
	George B. Lothrop,
ALDERMAN.	William Hutchins,
John Livermore.	Charles B. Stevens.

STANDING COMMITTEES OF THE BOARD OF MAYOR AND ALDERMEN.

On Police.

The Mayor, Charles F. Choate,
George H. Folger, Joseph H. Tyler.

On the Fire Department.

The Mayor, Ezra Parmenter,
John Livermore, George H. Folger.

On Roads and Bridges.

Fordyce M. Stimson, John Livermore,
Samuel W. Dudley.

On Reservoirs and Drains.

Ezra Parmenter, Arthur Merrill,
John Livermore.

On Licenses.

George P. Carter, Charles F. Choate,
Arthur Merrill.

On Health.

James R. Morse, George P. Carter,
Fordyce M. Stimson.

STANDING COMMITTEES OF THE COMMON COUNCIL.

On Elections and Returns.

George B. Lothrop, Amos C. Sanborn,
William Brine.

On Bills in the Second Reading.

James M. Price, George G. Ryder,
William Hutchins.

On Enrolled Ordinances.

Samuel H. Folsom, Francis C. Foster,
Charles B. Stevens.

ASSESSORS.

Artemas Z. Brown,
A. J. Green,
Charles H. Saunders.

ASSISTANT ASSESSORS.

Nathaniel D. Sawin, Barnabas Binney,
Rufus Lamson, George W. Livermore,
James H. Cutter.

AUDITOR OF ACCOUNTS.

S. P. Heywood.

TREASURER.

Joseph Whitney.

COLLECTOR OF TAXES.

Joseph Whitney.

MEASURERS OF WOOD AND BARK.

James H. Fuller, J. M. Tyler,
Samuel S. Green, Benjamin J. Hoyt,
J. Henry Patch, I. P. Estes,
Francis H. White.

FENCE-VIEWERS.

John Dudley, Abiel Goss,
A. S. Waitt.

FIELD-DRIVERS.

Andrew Sproul, Benj. F. Bridden,
Timothy Ames, A. A. Hildreth,
Noah M. Cofran, J. W. Bettinson.

POUND-KEEPERS.

William Barnes, Joseph H. Rice.

FISH OFFICERS.

Thomas D. Cook, Jacob Hanscom,
Andrew Sproul.

HAY WEIGHERS.

Samuel S. Green, Ivory P. Estes,
Isaac C. Holmes, Francis H. White,
William C. Brooks, Joseph Burridge, Jr.

COAL WEIGHERS.

James F. Jefferds, Samuel S. Green,
Joseph Burridge, Jr., John Henry Patch,
Robert White, Charles S. Adams,
John M. Tyler.

WEIGHER OF BOILERS AND HEAVY MACHINERY.

Joseph Burridge, Jr.

SEALER OF WEIGHTS AND MEASURES.

George P. Backus.

SURVEYORS OF MECHANICS' WORK.

William S. Barbour, William A. Mason,
Franklin C. Hill.

AUCTIONEER.

John L. Porter.

INSPECTOR OF CHARCOAL BASKETS.

George P. Backus.

INSPECTOR OF MILK.

George P. Backus.

SCHOOL COMMITTEE.

Hon. Z. L. Raymond, Mayor, *ex officio, Chairman.*

WARD I.

Francis J. Child, Henry W. Muzzey.

WARD II.

Charles A. Skinner, W. W. Wellington.

WARD III.

Hiram K. Pervear, John B. Taylor.

WARD IV.

Amasa S. Kelly, Sumner R. Mason.

WARD V.

William Carruthers, Jabez A. Sawyer.

SECRETARY.

W. W. Wellington.

OVERSEERS OF THE POOR.

The Mayor, *ex officio, Chairman.*

William Caldwell, Lewis B. Guyer,
Ephraim Marston, William Hunnewell,
George T. Gale, Joseph H. Rice.

CLERK.

William Hunnewell.

WARDEN OF THE ALMSHOUSE.

Jacob Hanscom.

PHYSICIAN OF THE ALMSHOUSE.

Moses Clarke, M. D.

BOARD OF ENGINEERS.

CHIEF ENGINEER.

George B. Eaton.

ASSISTANT ENGINEERS.

First Assistant, Orrin G. Jones,
Second " Leander Greeley,
Third " Samuel M. Frye,
Fourth " John G. Hopkins.

CLERK OF THE BOARD.

Samuel M. Frye.

BOARD OF HEALTH.

The Mayor and Aldermen.

CAMBRIDGE CEMETERY.

COMMISSIONERS.

The Mayor, *ex officio.*

John C. Farnham,
Daniel U. Chamberlin,
Silas B. Buck,
William Fillebrown,
Charles Beck,
John P. Putnam.

SUPERINTENDENT.

Henry H. Eames.

SUPERINTENDENTS OF BURIAL GROUNDS.

WARD I.
Allen B. Parsons.

WARD II.
John Pear.

UNDERTAKERS.

Horace Handford,
Benj. F. Wyeth,
Roland Litchfield, Jr.,
Hiram Welch,
Samuel F. Hunt,
William Casey,
Benjamin J. Hoyt,
Amos P. Rollins,
Allen B. Parsons,
Roland Litchfield, 3d,
John Pear.

POLICE COURT.

STANDING JUSTICE.

JOHN S. LADD.

SPECIAL JUSTICES.

George W. Livermore,
Henry W. Muzzey.

CLERK.

James B. Stacy.

POLICE DEPARTMENT.

CHIEF OF POLICE.

JOSEPH SANDERSON.

PRINCIPAL CONSTABLES.

DISTRICT I.

Joseph Sanderson.

DISTRICT II.

William Twist.

DISTRICT III.

John L. Boynton.

CONSTABLES.

Joseph Sanderson,
William Twist,
John L. Boynton,
Hiram Welch,
John C. Burdakin,
Varnum S. Holt,
Charles J. Adams,
James C. Nute,
John Bryant,
George L. Newton,
Clark Moore,
James B. Stacy,
James F. Jefferds.

POLICEMEN.

DISTRICT I.

Timothy Ames,
Thomas D. Cook,
Benjamin Kennard,
Noah M. Cofran,
James S. Milliken,
Micah W. Cook,
Andrew Sproul.

DISTRICT II.

Benjamin F. Bridden, *Day Officer.*

Abel A. Hildreth,
Lewis Sanger,
Charles L. Russell,
Daniel Sherman,
John Avery,
Fred. W. Hagar.

DISTRICT III.

Edward B. P. Kinsley, *Day Officer.*

James W. Bettinson,
Levi F. Babbidge,
Henry Kinsley,
Henry S. Pike.

FIRE POLICE.

Allen B. Parsons,
George S. Pike,
Moses Ricker,
Henry A. Hills.

SPECIAL POLICEMEN.

James M. Hilton,
John Bryant,
Leonard Bacon.

TRUANT OFFICERS.

Joseph Sanderson,
William Twist,
Abel A. Hildreth,
John L. Boynton,
Thomas D. Cook.

SPECIAL POLICEMEN, WITHOUT COMPENSATION.

The Chief and Assistant Engineers.

Roland Litchfield, Jr.,
Austin K. Jones,
James C. Nute,
Thomas G. Bruce,
Austin J. Coolidge,
S. M. Parsons,
H. H. Eames,
Allen B. Parsons,
John Tarbox,
Joseph W. Whittier,
Daniel L. Winsor,
Joseph A. Willard.

SURVEYORS OF HIGHWAYS.

The same persons who compose the Board of Mayor and Aldermen.

SUPERINTENDENT OF STREETS.

GEORGE W. FIFIELD.

SUPERINTENDENT OF DRAINS.

GEORGE W. FIFIELD.

SUPERINTENDENT OF LAMPS.

ROLAND LITCHFIELD, JR.

TRUSTEES OF THE DANA LIBRARY.

The Mayor, *ex officio, Chairman.*

ALDERMAN.

George H. Folger.

COMMON COUNCIL.

Samuel H. Folsom.

CITIZENS AT LARGE.

George W. Livermore,

W. W. Wellington,

Anson Hooker.

LIBRARIAN.

Miss C. F. Orne.

COMMISSIONERS OF THE BRIDGE FUND.

The Mayor, *ex officio*, *Chairman*.

The City Treasurer, *ex officio*, The Auditor of Accounts, *ex officio*.

ALDERMAN.	COMMON COUNCIL.
John Livermore.	John S. March.

TRUSTEES OF THE DOWSE INSTITUTE.

The Mayor, and President of the Common Council, *ex officio*.

Charles Deane, John C. Dodge,

W. W. Wellington.

REPRESENTATIVES IN GENERAL COURT.

Charles Beck, J. Warren Merrill,

Lorenzo Marrett.

WARD OFFICERS.

Ward I.

WARDEN.
Chas. H. Saunders.

CLERK.
William B. Bartlett.

INSPECTORS.
William T. Richardson,
Alfred Wood,
William J. Dolloff.

Ward II.

WARDEN.
William R. Hurlbut.

CLERK.
William W. Burrage.

INSPECTORS.
George E. Ryder,
Clement March,
John D. Sargent.

Ward III.

WARDEN.
George Stevens.

CLERK.
Charles S. Adams.

INSPECTORS.
Luther L. Parker,
John C. Burdakin,
Abbot R. Davis.

Ward IV.

WARDEN.
Humphrey L. Snow.

CLERK.
Joseph Whittemore.

INSPECTORS.
Joseph Child, Jr.,
Gustavus A. Smart,
Robert Torrey, Jr.

Ward V.

WARDEN.
William A. Saunders.

CLERK.
Francis H. White.

INSPECTORS.
Alpheus Mead,
Andrew J. Jones,
Bradley C. Whitcher.

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